

Management Status Report
Produced from NTP Chemtrack System
Public Distribution

Chemicals studied by the National Toxicology Program are selected mainly on the basis of human exposure, production levels, chemical structure, and available toxicologic data. Selection of a chemical for a study does not imply that the chemical is hazardous or a potential carcinogen in laboratory animals; likewise, a chemical not selected for toxicologic study by the Program should not be taken to mean that the chemical is not potentially hazardous or potentially carcinogenic in laboratory rodents. Compounds are listed by a common or generic name; if this is not available, the chemical name is used. For additional information, send requests to: Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) .

The abstracts for all published long-term NTP technical reports are available in Volume 101, Supplement 1 of ENVIRONMENTAL HEALTH PERSPECTIVES (EHP) (1993). Abstracts as well as full versions of NTP toxicology and carcinogenesis studies and short-term toxicity studies are available in electronic format on the National Toxicology Program World Wide Web (WWW) site. Viewing this information requires access to the Internet and a software client such as Netscape or Internet Explorer. The World Wide Web server is located at NIEHS; the link to access the NTP World Wide Web Homepage is <http://ntp.niehs.nih.gov/>. The link to NTP testing information and study results, including abstracts, is [/go/test](http://ntp.niehs.nih.gov/go/test)

Printed copies of many Technical Reports on NTP toxicology and carcinogenesis studies and short-term toxicity studies are available from Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) .

If you have further questions about electronic access or to request a copy of EHP, VOL. 101, contact Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) .

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Long-term studies = more than 1 year

Short-term studies = 1 year or less

Abbreviations used in this report:

CODE	Route of Administration	CODE	Route of Administration
AQUAT	Aquatic	IV	Intravenous
CAPS	Per os (Capsule)	IVAG	Intravaginal
DERMAL	Dermal	IVOR	IV Injection and Oral
FEED	Dosed-Feed	MICRO	Microencapsulation in Feed
GAV	Gavage	MULTI	Multiple Routes
GAV/ WATER	Gavage & Dosed-Water	N/A	Not Applicable
GV/WB	Gavage, Whole Body Exposure	OTHER	Other
IC/IJ	IC Injection	SC&GV	Subcutaneous Injection and Gavage
ID/CN	Intraductal Cannulation	SC/IJ	Subcutaneous Injection
IM	Intramuscular	SP	Topical Application
INHAL	Inhalation	UD	Not Currently Entered
IP/IJ	Intraperitoneal Injection	UTERO	In Utero
IP/OT	IP Inj/Orotracheal	WATER	Dosed-Water
IT	Intratracheal	WB	Whole Body Exposure

Note: Dermal, skin application and skin paint are synonymous. Different terms were used at different times.

CODE	Primary Use Category	CODE	Primary Use Category
ADHS	Adhesives, Glues, and Tape	METL	Metals or Metal Products
CMOT	Chemotherapeutic Agents	MINL	Minerals and Natural Fibers
COMT	Contaminates and/or Impurities	MLTR	Military or Policing Purposes
COSM	Cosmetics, Perfumes, Fragrances, Hair Preparations, Skin Lotions	N/S	Naturally Occurring and Synthetic Substances
DIET	Dietary/Herbal Supplement	NANO	Nanoscale materials (substances where at least one critical dimension < 100 nm)
DTRG	Detergents and Cleansers	NATL	Naturally Occurring Substances
DYE	Dyes, Inks, and Pigments	NSUL	Insulation or Insulation Products
ELEC	Electrical and/or Dielectric Systems or Products	OCCH	Occupational Hazards
ENVH	Environmental (Air/Water) Pollutants	PAPR	Paper or Paper Products
FDPK	Food-packaging Products	PEST	Pesticides
FEED	Animal Feed or Feed Products	PHAR	Pharmaceuticals or Intermediates
FERT	Fertilizers	PHOT	Photography or Related Purposes
FLAM	Flame Retardants	PLAS	Plastics
FOOD	Food, Beverages, or Additives	PNT	Paint Ingredient
FUEL	Fuel or Oil Products	REAG	Laboratory Reagent
FUME	Fumigants	RUBR	Rubber Chemical
FUNG	Fungicides	SOLV	Vehicles and Solvents
GERM	Germicides, Disinfectants, Antiseptics	SYN	Synthetic
GLAS	Glass, Ceramic and/or Pottery Products	TBCO	Tobacco and Tobacco Products
HERB	Herbicides	TEXL	Manufacture of Textiles
IND	Industrial Uses	WATR	Water and/or Sewage Treatment
INTR	Chemical Intermediate or Catalyst	WOOD	Wood Industry
LABC	Unspecified Chemical Uses Not Fitting Into SOLV, INTR, or REAG Categories		
CODE	Species: Strain	CODE	Species: Strain
C	Chicks	H	Hamsters
D	Dog	M	Mice
DL	Drosophila	MO	Monkey
F	Fish	R	Rats
FR	Frog	RA	Rabbit
GP	Guinea Pigs	RM	Rats/Mice
NA	Chicks:Not Available	* ML	Mice:Tg.Lac1/C57BL/6 (Big Blue)
NA	Dog:Not Available	MM	Mice:BALB/cByJ
O3	Dog:Beagles	* MN	Mice:Tg.AC (FVB/N) Homozygous
NA	Drosophila:Not Available	MO	Mice:CB6F1
F1	Fish:Medaka (Oryzias latipes)	* MP	Mice:C57BL/6-APC+/APC-1638N (Tg:APC)

CODE	Species: Strain	CODE	Species: Strain
F2	Fish:Guppy (Poecilia reticulata)	* MQ	Mice:P16(Ink4a)/(+/-) (C57BL/6)
F3	Fish:Zebra (Danio rerio)	MR	Mice:129S1/SvImJ
NA	Fish:Not Available	* MS	Mice:P53 +/- (FVB/N)
NA	Frog:Not Available	MT	Mice:SKH-1 Hairless
NA	Guinea Pigs:Not Available	* MU	Mice:TRAMP (C57BL/6 PB-TAG TRANSGENE)
O6	Guinea Pigs:Hartley	MV	Mice:B6C3F1/NCTR BR (C57BL/6N x C3H/HEN MTV-)
H1	Hamsters:Syrian Golden	MW	Mice:BALB/c
NA	Hamsters:Not Available	* MX	Mice:AM3 (C57BL/6)
129B6TRP53	Mice:Female 129S1.SvlmJ crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	MY	Mice:CD-1 Reg.[Cr1:CD1(ICR)]
60	Mice:NOD. B10Sn-H2(b)/J	MZ	Mice:C57BL/6J (Jackson)
61	Mice:NZO/HiLtJ	NA	Mice:Not Available
62	Mice:PWK/PhJ	RB6TRP53	Mice:Female BTBR.Tj (R) crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele
63	Mice:B6C3F1/J (Jackson)	NA	Monkey:Not Available
AB6TRP53	Mice:Female A/J crossed to B6.129-Trp53<tmlBrd> males homozygous for the Trp53 null allele	RH	Monkey:Rhesus
B6129	Mice:B6.129-Trp53<TM1BRD>	44	Rats:Sprague Dawley (NCTR)
C3B6	Mice:C3B6.129F1-Trp53<TM1BRD>	48	Rats:Cr1:CD (SD)
C3B6TRP53	Mice:Female C3H/HeJ crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	F344	Rats:Fischer 344
C6N	Mice:C57BL/6N	FSAS	Rats:F344/NCr1 (SAS FISCH)
CB6TRP53	Mice:Female Balb/c (C) crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	HSD	Rats:Harlan Sprague-Dawley
D2B6TRP53	Mice:Female DBA/2J (D2) crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	HSDD	Rats:Harlan Sprague Dawley (Dublin Facility)
DOJ	Mice:Diversity Outbred (Jackson)	HSDE	Rats:Hsd:Sprague Dawley SD
M0	Mice:SKH-1 Hairless (NCTR)	HSDI	Rats:Harlan Sprague Dawley (Indianapolis Facility)
M1	Mice:C57BL/6	* ML	Rats:Tg.Lac1/C57BL/6 (Big Blue)
M11	Mice:CAST/EiJ (M. m. castaneus)	NA	Rats:Not Available
M14	Mice:WSB/EiJ (M. m. domesticus)	R1	Rats:Osborne Mendel
M15	Mice:C3H/HeJ	R10	Rats:F344/N Charles River
M2	Mice:C3H	R2	Rats:F344/N
M22	Mice:B6C3F1/N	R3	Rats:ACI
M3	Mice:B6C3F1	R4	Rats:August
M4	Mice:Swiss	R5	Rats:Long-Evans
M5	Mice:Swiss CD-1	R6	Rats:Marshall
M6	Mice:Swiss Webster	R7	Rats:Sherman
M7	Mice:Sencar	R8	Rats:Sprague Dawley
* M8	Mice:MMTV/RAS (Tg.SH)	R9	Rats:Wistar
* M9	Mice:MMTV/MYC (Tg.M)	RA	Rats:CD
* MA	Mice:MMTV/NEU (Tg.Nk)	RB	Rats:NCI Black Reiter (NBR)
MB	Mice:NIH Swiss	RC	Rats:F344 (NCTR)
* MC	Mice:PIM	RD	Rats:F344/NTac
MCBA	Mice:CBA/ Ca Jackson	RE	Rats:Wistar Han
* MD	Mice:P53 +/- (C57BL/6)	ZL	Rats:Zucker - Lean (HsdHlr:ZUCKER-Lepr+)
* ME	Mice:Tg.AC (FVB/N) Hemizygous	ZLC	Rats:Zucker - Lean (Charles River)
MF	Mice:A/J	ZO	Rats:Zucker - Obese (HsdHlr:ZUCKER-Leprfa)
MG	Mice:B6.SJL-Ptprc[a] Pepc[b]/BoyJ	ZOC	Rats:Zucker - Obese (Charles River)
* MH	Mice:Tg/RASH2/CB6F1	NA	Rabbit:Not Available
MI	Mice:FVB/N	NA	Rats/Mice:Not Available
* MJ	Mice:C3B6F1-+/TRP53<TM1BRD> (NCTR)	R2	Rats/Mice:F344/N
* MK	Mice:CB6F1-Tg(HRAS)2Jic [(BALB/cByJTac x C57BL/6JTac)- Tg(HRAS)2Jic F1		
* Transgenic Mouse Model			

CAR Carcinogenicity:

The National Toxicology Program describes the results of individual experiments on a chemical agent and notes the strength of evidence for conclusions regarding each study. Negative results, in which the study animals do not have a greater incidence of neoplasia than control animals, do not necessarily mean that a chemical is not a carcinogen, inasmuch as the experiments are conducted under a limited set of conditions. Positive results demonstrate that a chemical is carcinogenic for laboratory animals under the conditions of the study and indicate that exposure to the chemical has the potential for hazard to humans. Five categories of evidence of carcinogenic activity are used in the Technical Report series to summarize the strength of the evidence observed in each experiment: two categories for positive results ("Clear Evidence" and "Some Evidence"); one category for uncertain findings ("Equivocal Evidence"); one category for no observable effects ("No Evidence"); and one category for experiments that because of major flaws cannot be evaluated ("Inadequate Study"). These categories of interpretative conclusions were first adopted in June 1983 and then revised in March 1986 for use in the Technical Reports series to incorporate more specifically the concept of actual weight of evidence of carcinogenic activity. For each separate experiment (male rats, female rats, male mice, female mice), one of the following quintet is selected to describe the findings. The categories refer to the strength of the experimental evidence and not to either potency or mechanism.

- CE Clear Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a dose-related (i) increase of malignant neoplasms, (ii) increase of a combination of malignant and benign neoplasms, or (iii) marked increase of benign neoplasms if there is an indication from this or other studies of the ability of such tumors to progress to malignancy.
- SE Some Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a chemically related increased incidence of neoplasms (malignant, benign, or combined) in which the strength of the response is less than that required for clear evidence.
- EE Equivocal Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a marginal increase of neoplasms that may be chemically related.
- NE No Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing no chemically related increases in malignant or benign neoplasms.
- IS Inadequate Study of Carcinogenic Activity is demonstrated by studies that because of major qualitative or quantitative limitations cannot be interpreted as valid for showing either the presence or absence of carcinogenic activity.

When a conclusion statement for a particular experiment is selected, consideration must be given to key factors that would extend the actual boundary of an individual category of evidence. This should allow for incorporation of scientific experience and current understanding of long-term carcinogenesis studies in laboratory animals, especially for those evaluations that may be on the borderline between two adjacent levels. These considerations should include:

- The adequacy of the experimental design and conduct;
- Occurrence of common versus uncommon neoplasia;
- Progression (or lack thereof) from benign to malignant neoplasia as well as from preneoplastic to neoplastic lesions;
- Some benign neoplasms have the capacity to regress but others (of the same morphologic type) progress. At present, it is impossible to identify the difference. Therefore, where progression is known to be a possibility, the most prudent course is to assume that benign neoplasms of those types have the potential to become malignant;
- Combining benign and malignant tumor incidences known or thought to represent stages of progression in the same organ or tissue;
- Latency in tumor induction;
- Multiplicity in site-specific neoplasia;
- Metastases;
- Supporting information from proliferative lesions (hyperplasia) in the same site of neoplasia or in other experiments (same lesion in another sex or species);
- The presence or absence of dose relationships;
- The statistical significance of the observed tumor increase;
- The concurrent control tumor incidence as well as the historical control rate and variability for a specific neoplasm;
- Survival-adjusted analyses and false positive or false negative concerns;
- Structure-activity correlations; and
- In some cases, genetic toxicology.

Earlier designations include:

P Positive E Equivocal N Negative I Inadequate



Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Abrasive Blasting Agents: Blasting Sand	BLASTINGSAND	35	14	@ Aizen Malachite Green (Listed As: Malachite green)	569-64-2	45	16
Abrasive blasting agents (coal slag)	COALSLAG	51	*	@ Aizen Malachite Green (Listed As: Malachite green)	569-64-2	38	16
Abrasive blasting agents (crushed glass)	CRUSHEDGLASS	51	*	Aldicarb	116-06-3	40	16
Abrasive blasting agents (garnet)	GARNET	51	*	Aldrin	309-00-2	40	16
Abrasive Blasting Agents: Specular Hematite	HEMATITESPEC	35	14	Allyl acetate	591-87-7	36	16
@ Acesulfame Potassium Transgenic Model Evaluation II (Listed As: Transgenic Model Evaluation II (Acesulfame Potassium))	55589-62-3	36	16	Allyl alcohol	107-18-6	36	16
Acetaminophen (4-hydroxyacetanilide)	103-90-2	32	3	Allyl bromide	106-95-6	36	16
Acetaminophen (4-hydroxyacetanilide)	103-90-2	39	16	Allyl bromide	106-95-6	51	*
Acetaminophen (4-hydroxyacetanilide)	103-90-2	51	*	Allyl bromide	106-95-6	36	16
Acetochlor	34256-82-1	51	*	Allyl chloride	107-05-1	40	16
Acetohexamide	968-81-0	40	16	Allyl glycidyl ether	106-92-3	40	16
Acetoin	513-86-0	35	14	Allyl isothiocyanate	57-06-7	40	16
Acetone	67-64-1	36	16	Allyl isovalerate	2835-39-4	40	16
Acetonitrile	75-05-8	51	*	Aloe-emodin	481-72-1	40	16
Acetonitrile	75-05-8	40	16	Aloe phototoxicity studies	ALOEPHOTOTOX	40	16
Acrolein	107-02-8	36	16	Aloe vera charcoal filtered whole leaf extract	ALOEVFILTER	40	16
Acronycine	7008-42-6	40	16	Aloe vera gel	8001-97-6	40	16
Acrylamide	79-06-1	32	5	Aloe vera whole leaf extract (native)	ALOEVLEAFEXT	40	16
Acrylamide	79-06-1	40	16	Aloe vera whole leaf extract (native)	ALOEVLEAFEXT	40	16
Acrylamide	79-06-1	51	*	Aloin	1415-73-2	32	5
@ Acryl Brilliant Green (Listed As: Malachite green)	569-64-2	45	16	alpha/beta Hydroxy acids (glycolic acid, salicylic acid)	HYDROXGLYSAL	40	16
@ Acryl Brilliant Green (Listed As: Malachite green)	569-64-2	38	16	alpha-Pinene	80-56-8	36	16
Acrylonitrile	107-13-1	40	16	alpha-Pinene	80-56-8	34	8
Actinomycin D	50-76-0	49	17	Alternaria alternata mold	ALTERNARIA	32	3
Adeno-associated viral vector (hEPO)	AAVIRVECEPO	51	*	Ametryn	834-12-8	51	*
Adenoviral vector (hGH)	ADNVIRVECHGH	51	*	9-Aminoacridine hydrochloride	134-50-9	51	*
Adenoviral Vector (AdhAQP1)	ADNVIRVECAQP	51	*	9-Aminoacridine hydrochloride	134-50-9	51	*
Aflatoxin B1 (TGMX)	1162-65-8	32	5	2-Aminoanthraquinone	117-79-3	40	16
Agar	9002-18-0	40	16	5-Amino-o-cresol	2835-95-2	36	16
Agaritine	2757-90-6	49	17	1-Amino-2,4-dibromoanthraquinone	81-49-2	40	16
Aging Cohort Study: 12951/SvlmJ mouse	MOUSEPHENO1	34	10	3-Amino-4-ethoxyacetanilide	17026-81-2	40	16
Aging Cohort Study: B6C3F1J mouse	MOUSEPHENO6	34	10	3-Amino-9-ethylcarbazole	132-32-1	49	17
Aging Cohort Study: C3H/HeJ mouse	MOUSEPHENO3	34	10	3-Amino-9-ethylcarbazole HCl	6109-97-3	40	16
Aging Cohort Study: C57/BL/6J mouse	MOUSEPHENO4	34	10	1-Amino-2-methylanthraquinone	82-28-0	40	16
Aging Cohort Study: CAST/EiJ mouse	MOUSEPHENO5	34	10	2-Amino-4-nitrophenol	99-57-0	40	16
Aging Cohort Study: NZO/HiLtJ mouse	MOUSEPHENO10	34	10	2-Amino-5-nitrophenol	121-88-0	40	16
Aging Cohort Study: PWK/PhJ mouse	MOUSEPHENO8	34	10	4-Amino-2-nitrophenol	119-34-6	40	16
Aging Cohort Study: WSB/EIJ mouse	MOUSEPHENO9	34	10	2-Amino-5-nitrothiazole	121-66-4	40	16
Aging Cohort Study: A/J mouse	MOUSEPHENO2	34	10	2-(4-Aminophenyl)-6-methyl-7- benzothiazole sulfonic acid	130-17-6	51	*
Aging Cohort Study: NOD. B10Sn-H2(b)/J	MOUSEPHENO7	34	10	3-Aminopyridine	462-08-8	51	*
				2-Aminopyridine	504-29-0	51	*
				4-Aminopyridine	504-24-5	51	*
				Comparison study of Aminopyridines/Troponin levels	AMINOPYRCOMP	51	*
				11-Aminoundecanoic acid	2432-99-7	40	16
				DL-amphetamine sulfate	60-13-9	40	16
				Ampicillin trihydrate	7177-48-2	40	16
				Amsacrine	51264-14-3	49	17
				@ AN (Listed As: Acrylonitrile)	107-13-1	40	16

@ Denotes common names--see following line for correct name.

* See Appendix, Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Androstenedione	63-05-8	51	*	5-Azacytidine	320-67-2	40	16
Androstenedione	63-05-8	51	*	Azathioprine	446-86-6	49	17
Androstenedione	63-05-8	40	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
Anilazine	101-05-3	40	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
@ Aniline Green (Listed As: Malachite green)	569-64-2	45	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
@ Aniline Green (Listed As: Malachite green)	569-64-2	38	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
Aniline hydrochloride	142-04-1	40	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
@ p-Anisidine hydrochloride Transgenic model evaluation (Listed As: Transgenic model evaluation (p-Anisidine HCl))	20265-97-8	55	*	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
o-Anisidine hydrochloride	134-29-2	40	16	3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	40	16
p-Anisidine hydrochloride	20265-97-8	40	16	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine	AZTDDCCOMB	51	*
o-Anthranilic acid	118-92-3	40	16	@ 3'-Azido-3'-deoxythymidine/2',3'- Dideoxycytidine (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine and 2',3'- Dideoxycytidine)	AZTDDCCOMB	51	*
Anthraquinone	84-65-1	40	16	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)	AZTDDICOMB	51	*
Antimony potassium tartrate	28300-74-5		16	Azinphosmethyl	86-50-0	40	16
Antimony Trioxide	1309-64-4	40	16	Azobenzene	103-33-3	40	16
Arsenic antioxidant mixture	ANTIOXCOMBO2	51	*	Azodicarbonamide	123-77-3	51	*
Arsenic antioxidant mixture	ANTIOXCOMBO2	51	*	AZT+3TC+NVP combination	AZT3TCCOMBO	41	16
Antioxidant model (TRAMP) - N-acetylcysteine	616-91-1	51	*	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Antioxidant model (TRAMP) - Epigallocatechin gallate	989-51-5	51	*	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Antioxidant model (TRAMP) - NAO (spinach extract)	NAOSPINEXTR	51	*	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
L-Arginine Glutamate	4320-30-3	49	17	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Aroclor 1254	11097-69-1	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
@ Arotonoid (Retinoid project 6) (Listed As: Retinoid project 6 (Arotonoid))	125533-88-2	54	*	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Arsenic	7440-38-2	32	4	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Arsine	7784-42-1	51	*	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, amosite	12172-73-5	32	4	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, amosite	12172-73-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, amosite	12172-73-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, amosite + Dimethyl hydrazine	12172-73-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(IR)	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(IR)	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(IR)	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(SR)	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, chrysotile(SR)	12001-29-5	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Asbestos, crocidolite	12001-28-4	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
L-Ascorbic acid	50-81-7	40	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
@ Aspartame (transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Aspartame))	22839-47-0	36	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
@ Aspartame (transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Aspartame))	22839-47-0	36	16	@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	40	16
Aspergillus versicolor mold	ASPERGILLUSV	34	6				
Aspirin, phenacetin, and caffeine	8003-03-0	40	16				

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ AZT + DDI (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine and 2',3'- Dideoxyinosine (AIDS initiative))	AZTDDICOMB	51	*	@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	44	16
AZT/Drug Combinations Transplacental/Neonatal Study	AIDSDRUGSNEO	35	13	Benzyl acetate	140-11-4	41	16
AZT/Drug Combinations Transplacental Carcinogenesis Study	AIDSTHERAPEU	41	16	Benzyl acetate	140-11-4	41	16
AZT + Isoniazid (AIDS Initiative)	AZTISONIAZID	36	16	Benzyl acetate + glycine combination study	GLYCINEBENZA	51	*
AZT + Methadone HCl (AIDS)	AZTMETHCOMB	51	*	Benzyl alcohol	100-51-6	41	16
AZT + Nitazoxanide (AIDS Initiative)	AZT+NITAZOX	51	*	Benzyl chloride	100-44-7	49	17
AZT + Pyrazinamide combination (AIDS Initiative)	AZTZINAMIDE	36	16	o-Benzyl-p-chlorophenol	120-32-1	37	16
AZT + Rifampin (AIDS Initiative)	AZTRIFAMPIN	36	16	o-Benzyl-p-chlorophenol	120-32-1	41	16
AZT + TMP/SMX (mixture) combination	AZTTMPSMX	51	*	o-Benzyl-p-chlorophenol	120-32-1	41	16
AZT + TMP/SMX (mixture) combination	AZTTMPSMX	51	*	Benzyltrimethyl ammonium chloride	56-93-9	37	16
AZT transplacental carcinogenesis study	30516-87-1	41	16	Benzyltrimethyl ammonium chloride	56-93-9	51	*
Barium chloride dihydrate	10326-27-9	36	16	Benzyltrimethyl ammonium chloride	56-93-9	37	16
Barium chloride dihydrate	10326-27-9	41	16	@ Binary mixture (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153))	TEFBINARMIX	47	16
@ BCNU (Listed As: 1,3- bis(Chloroethyl)-1- nitrosourea)	154-93-8	49	17	2-Biphenylamine hydrochloride	2185-92-4	41	16
BDE Toxicogenomics Study (TGMX)	TGMXBDECLASS	32	2	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	51	*
Benzaldehyde	100-52-7	41	16	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	37	16
@ Benzaldehyde Green (Listed As: Malachite green)	569-64-2	45	16	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	41	16
@ Benzaldehyde Green (Listed As: Malachite green)	569-64-2	38	16	1,3-bis(Chloroethyl)-1- nitrosourea	154-93-8	49	17
Benzene	71-43-2	41	16	bis(Chloromethyl) ether	542-88-1	49	17
@ Benzene (Transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Benzene))	71-43-2	36	16	bis(2-Chloro-1-methylethyl) ether	108-60-1	41	16
Benzethonium chloride	121-54-0	37	16	bis(2-Chloro-1-methylethyl) ether	108-60-1	41	16
Benzethonium chloride	121-54-0	41	16	Bisphenol A	80-05-7	35	13
Benzidine dihydrochloride	531-85-1	51	*	Bisphenol A	80-05-7	51	*
Benzofuran	271-89-6	41	16	Bisphenol A	80-05-7	35	12
Benzoin	119-53-9	41	16	Bisphenol A	80-05-7	41	16
Benzonitrile	100-47-0	51	*	Bisphenol AF	1478-61-1	33	5
Benzophenone	119-61-9	37	16	Bisphenol S	80-09-1	33	5
Benzophenone	119-61-9	41	16	1,2-Bis(2,4,6- tribromophenoxy)ethane	37853-59-1	33	5
p-Benzoquinone dioxime	105-11-3	41	16	@ Black 38, C.I. Acid (Listed As: C.I. Direct Black 38)	1937-37-7	37	16
1,2,3-Benzotriazole	95-14-7	41	16	@ Black Cloud Mine Ore (Colorado) (Listed As: Lead ores)	LEADORES	53	*
Phenolic Benzotriazoles (2-(2H- Benzotriazol-2-yl)-4-tert- butylphenol)	3147-76-0	33	5	Black Cohosh	84776-26-1	51	*
@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	44	16	Black Cohosh	84776-26-1	34	8
@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	44	16	Black Cohosh	84776-26-1	51	*
				Black Cohosh	84776-26-1	51	*
				Black newsprint ink	EMTDP-75	37	16
				@ Blue 15, C.I. Direct (Listed As: C.I. Direct Blue 15)	2429-74-5	42	16
				@ Blue 218, C.I. Direct (Listed As: C.I. Direct Blue 218)	28407-37-6	37	16
				@ Blue 218, C.I. Direct (Listed As: C.I. Direct Blue 218)	28407-37-6	42	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Blue 6, C.I. Direct (Listed As: C.I. Direct Blue 6)	2602-46-2	37	16	beta-Bromo-beta-nitrostyrene	7166-19-0	37	16
@ Blue 6, C.I. Direct (Listed As: C.I. Direct Blue 6)	2602-46-2	52	*	1-Bromopropane	106-94-5	41	16
@ Blue 1, HC (Listed As: HC Blue 1)	2784-94-3	44	16	@ Brown 95, C.I. Direct (Listed As: C.I. Direct Brown 95)	16071-86-6	37	16
@ Blue 2, HC (Listed As: HC Blue 2)	33229-34-4	44	16	1,3-Butadiene	106-99-0	41	16
@ BMPC (Listed As: Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride)	479500-35-1	33	5	1,3-Butadiene	106-99-0	51	*
Boric acid	10043-35-3	41	16	1,3-Butadiene	106-99-0	41	16
@ BP-AF (Listed As: Bisphenol AF)	1478-61-1	33	5	1,3-Butadiene	106-99-0	49	17
@ BPAF (Listed As: Bisphenol AF)	1478-61-1	33	5	Butanal oxime	110-69-0	37	16
@ BDPDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	51	*	1,4-Butanediol	110-63-4		16
@ BDPDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	32	2	2,3-Butanedione	431-03-8	35	14
Brominated Vegetable Oil	8016-94-2	33	5	@ tert-Butanol (Listed As: tert-Butyl alcohol)	75-65-0	41	16
Bromobenzene	108-86-1	51	*	@ tert-Butanol (Listed As: tert-Butyl alcohol)	75-65-0	37	16
Bromobenzene	108-86-1	51	*	@ Butanone oxime (Listed As: Methyl ethyl ketoxime)	96-29-7	38	16
@ Bromochloroacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Bromochloroacetic acid))	5589-96-8	49	16	@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	37	16
Bromodichloromethane	75-27-4	41	16	@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	37	16
@ BromodichloromethaneE (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Bromodichloromethane))	75-27-4	55	*	@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	41	16
@ BromodichloromethaneE (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Bromodichloromethane))	75-27-4	55	*	@ Butoxyethanol (Listed As: NTP-88 diet study (EGMBE))	DIET88+EGMBE	53	*
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	tert-Butyl alcohol	75-65-0	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	tert-Butyl alcohol	75-65-0	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	Butylated hydroxytoluene	128-37-0	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	N-Butylbenzenesulfonamide	3622-84-2	33	5
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	N-Butylbenzenesulfonamide	3622-84-2	32	3
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	Butyl benzyl phthalate	85-68-7	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	Butyl benzyl phthalate	85-68-7	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	Butyl benzyl phthalate	85-68-7	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	p-tert-Butylcatechol	98-29-3	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	p-tert-Butylcatechol	98-29-3	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	n-Butyl chloride	109-69-3	41	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	n-Butyl Glycidyl Ether	2426-08-6	51	*
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	tert-Butyl hydroperoxide	75-91-2	51	*
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	36	16	tert-Butyl hydroperoxide	75-91-2	51	*
Bromoethane (ethyl bromide)	74-96-4	41	16	t-Butylhydroquinone	1948-33-0	41	16
@ Bromoform (Listed As: Tribromomethane)	75-25-2	48	16	tert-Butyl perbenzoate	614-45-9	37	16
				tert-Butylphenyl Diphenyl Phosphate	56803-37-3	51	*
				tert-Butylphenyl Diphenyl Phosphate	56803-37-3	32	2

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Butyraldehyde	123-72-8	52	*	Chloral hydrate	302-17-0	41	16
gamma-Butyrolactone	96-48-0	41	16	Chloral hydrate	302-17-0	37	16
@ C9 Alkylbenzenes (Listed As: 1,2,4-trimethylbenzene)	95-63-6	33	5	Chloral hydrate	302-17-0	41	16
@ C9 Alkylbenzenes (Listed As: Cumene)	98-82-8	42	16	Chloramben	133-90-4	41	16
@ C9 Alkylbenzenes (Listed As: 2-ethyltoluene)	611-14-3	52	*	Chlorambucil	305-03-3	49	17
@ C9 Alkylbenzenes (Listed As: 2-ethyltoluene)	611-14-3	32	4	Chloraminated water	CHLORAMINEMX	41	16
@ C9 Alkylbenzenes (Listed As: 3-ethyltoluene)	620-14-4	52	*	Chloramphenicol sodium succinate	982-57-0	52	*
@ C9 Alkylbenzenes (Listed As: 4-ethyltoluene)	622-96-8	52	*	Chlordane (analytical grade)	57-74-9	41	16
Cadmium oxide	1306-19-0	37	16	Chlordecone	143-50-0	41	16
Cadmium oxide	1306-19-0	37	16	Chlorendic acid	115-28-6	41	16
@ Cadox TBH (Listed As: tert-Butyl hydroperoxide)	75-91-2	51	*	Chlorinated paraffins: C12, 60% chlorine	108171-26-2	41	16
@ Cadox TBH (Listed As: tert-Butyl hydroperoxide)	75-91-2	51	*	Chlorinated paraffins: C23, 43% chlorine	108171-27-3	41	16
Caffeine	58-08-2	52	*	Chlorinated trisodium phosphate	56802-99-4	41	16
Calcium chromate	13765-19-0	49	17	Chlorinated water	CHLORWATERMX	41	16
Calcium cyanamide	156-62-7	41	16	@ Chlorine/Sodium hypochlorite (Listed As: Chlorinated water)	CHLORWATERMX	41	16
DL-Camphor	76-22-2	52	*	2-Chloroacetophenone (CN)	532-27-4	41	16
Caprolactam	105-60-2	41	16	4-(Chloroacetyl)acetanilide	140-49-8	41	16
Captan	133-06-2	41	16	m-Chloroaniline	108-42-9	37	16
Carbaryl	63-25-2	52	*	o-Chloroaniline	95-51-2	37	16
Carbon disulfide	75-15-0	52	*	p-Chloroaniline	106-47-8	41	16
Carbon disulfide	75-15-0	52	*	p-Chloroaniline hydrochloride	20265-96-7	41	16
Carbon disulfide	75-15-0	52	*	o-Chlorobenzalmalononitrile (CS)	2698-41-1	41	16
Carbon tetrachloride	56-23-5	49	17	Chlorobenzene	108-90-7	41	16
Carbromal	77-65-6	41	16	Chlorobenzilate	510-15-6	41	16
Cardio Transmitter Gene Evaluation	CARDIOGENEVL	52	*	Chlorodibromomethane	124-48-1	41	16
Carisoprodol	78-44-4	52	*	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX)	77439-76-0	52	*
Carisoprodol	78-44-4	37	16	Chloroethane	75-00-3	41	16
Carisoprodol	78-44-4	16	16	2-Chloroethanol (ethylene chlorohydrin)	107-07-3	41	16
D-Carvone	2244-16-8	41	16	bis(2-Chloroethoxy)methane	111-91-1	32	2
Castor oil	8001-79-4	37	16	bis(2-Chloroethoxy)methane	111-91-1	41	16
Cedarwood oil	8000-27-9	35	14	bis(2-Chloroethoxy)methane	111-91-1	52	*
Cell Phone Radiation: CDMA	CELLPRADCDMA	35	13	bis(2-Chloroethoxy)methane	111-91-1	52	*
Cell Phone Radiation: GSM	CELLPRADGSM	35	13	2-Chloroethyltrimethylammonium chloride	999-81-5	41	16
Cellulose insulation	CELLULOSEINS	37	16	Chloroform	67-66-3	41	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	32	2	Chloromethyl methyl ether	107-30-2	49	17
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	41	16	3-Chloro-2-methylpropene	563-47-3	41	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	52	*	2-Chloromethylpyridine hydrochloride	6959-47-3	41	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	52	*	3-Chloromethylpyridine hydrochloride	6959-48-4	42	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	52	*	4-Chloro-2-nitroaniline	89-63-4	52	*
Chemical mixture - drinking water contaminants	CHEMMIXH20	37	16	2-Chloronitrobenzene	88-73-3	37	16
Chitosan	9012-76-4	35	12	4-Chloronitrobenzene	100-00-5	37	16
				4-Chloro-m-phenylenediamine	5131-60-2	42	16
				4-Chloro-o-phenylenediamine	95-83-0	42	16
				2-Chloro-p-phenylenediamine sulfate	61702-44-1	42	16
				Chloropicrin	76-06-2	42	16
				Chloroprene	126-99-8	37	16
				Chloroprene	126-99-8	42	16
				Chloroprene	126-99-8	52	*

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Chloroprene	126-99-8	52	*	C.I. Direct Blue 218	28407-37-6	42	16
1-Chloro-2-propanol, technical	127-00-4	37	16	C.I. Direct Brown 95	16071-86-6	37	16
1-Chloro-2-propanol, technical	127-00-4	52	*	C.I. Disperse Blue 1	2475-45-8	42	16
1-Chloro-2-propanol, technical	127-00-4	42	16	C.I. Disperse Yellow 3	2832-40-8	42	16
@ 1-Chloro-2-propanol, technical (Transgenic LECM) (Listed As: Transgenic LECM (1-Chloro-2-propanol, technical))	127-00-4	55	*	1,8-Cineol	470-82-6	52	*
@ 1-Chloro-2-propanol, technical (Transgenic LECM) (Listed As: Transgenic LECM (1-Chloro-2-propanol, technical))	127-00-4	55	*	1,8-Cineol	470-82-6	52	*
o-Chloropyridine	109-09-1	52	*	Cinnamaldehyde	104-55-2	52	*
o-Chloropyridine	109-09-1	35	14	trans-Cinnamaldehyde	14371-10-9	42	16
Chlorothalonil	1897-45-6	42	16	trans-Cinnamaldehyde	14371-10-9	52	*
3-Chloro-p-toluidine	95-74-9	42	16	Cinnamyl anthranilate	87-29-6	42	16
5-Chloro-o-toluidine	95-79-4	42	16	C.I. Pigment Red 3	2425-85-6	42	16
4-Chloro-o-toluidine hydrochloride	3165-93-3	42	16	C.I. Pigment Red 23	6471-49-4	42	16
p-Chloro-a,a,a-trifluorotoluene	98-56-6	35	12	C.I. Solvent Yellow 14	842-07-9	42	16
p-Chloro-a,a,a-trifluorotoluene	98-56-6	35	14	Citral	5392-40-5	42	16
p-Chloro-a,a,a-trifluorotoluene	98-56-6	37	16	Citral	5392-40-5	52	*
p-Chloro-a,a,a-trifluorotoluene	98-56-6	37	16	Citral	5392-40-5	52	*
@ Chlorowax 40 (Listed As: Chlorinated paraffins: C23, 43% chlorine)	108171-27-3	41	16	C.I. Vat Yellow 4	128-66-5	42	16
@ Chlorowax 500C (Listed As: Chlorinated paraffins: C12, 60% chlorine)	108171-26-2	41	16	Clonitralid	1420-04-8	42	16
Chlorpheniramine maleate	113-92-8	42	16	@ CN (Listed As: 2- Chloroacetophenone (CN))	532-27-4	41	16
Chlorpropamide	94-20-2	42	16	Cobalt	7440-48-4	42	16
Chromium	7440-47-3	49	17	Cobalt sulfate heptahydrate	10026-24-1	16	
Chromium picolinate monohydrate	27882-76-4	42	16	Cobalt sulfate heptahydrate	10026-24-1	42	16
@ Chrysotile asbestos (Listed As: Asbestos, chrysotile(IR) + Dimethyl hydrazine)	12001-29-5	40	16	Coconut oil acid diethanolamine condensate	68603-42-9	42	16
@ Chrysotile asbestos (Listed As: Asbestos, chrysotile(IR) + Dimethyl hydrazine)	12001-29-5	40	16	@ Coconut oil acid/diethanolamine condensate (Listed As: Coconut oil acid diethanolamine condensate)	68603-42-9	42	16
C.I. Phthalocyanine green	1328-53-6	52	*	@ Coconut oil acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Coconut oil acid diethanolamine condensate))	68603-42-9	55	*
C.I. Acid Orange 3	6373-74-6	42	16	@ Coconut oil acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Coconut oil acid diethanolamine condensate))	68603-42-9	55	*
C.I. Acid Orange 10	1936-15-8	42	16	Codeine	76-57-3	37	16
C.I. Acid Red 14	3567-69-9	42	16	Codeine	76-57-3	42	16
C.I. Acid Red 114	6459-94-5	42	16	@ Copper sulfate (Listed As: Cupric sulfate)	7758-99-8	37	16
@ C.I. Basic Green 4 (Listed As: Malachite green)	569-64-2	45	16	@ Copper sulfate (Listed As: Cupric sulfate)	7758-99-8	37	16
@ C.I. Basic Green 4 (Listed As: Malachite green)	569-64-2	38	16	Corn oil	8001-30-7	42	16
@ C.I. Basic Red 1 (Listed As: Rhodamine 6G)	989-38-8	47	16	Coumaphos	56-72-4	42	16
C.I. Basic Red 9 Monohydrochloride	569-61-9	42	16	Coumarin	91-64-5	37	16
C.I. Direct Black 38	1937-37-7	37	16	Coumarin	91-64-5	42	16
C.I. Direct Blue 6	2602-46-2	37	16	Coumarin	91-64-5	33	5
C.I. Direct Blue 6	2602-46-2	52	*	m-Cresidine	102-50-1	42	16
C.I. Direct Blue 15	2429-74-5	42	16	p-Cresidine	120-71-8	42	16
C.I. Direct Blue 218	28407-37-6	37	16	p-Cresidine	120-71-8	52	*
				m-Cresol	108-39-4	37	16
				o-Cresol	95-48-7	37	16
				p-Cresol	106-44-5	37	16
				Cresols	1319-77-3	37	16
				Cresols	1319-77-3	42	16

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Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Crocidolite asbestos (Listed As: Asbestos, crocidolite)	12001-28-4	40	16	@ 2,4-D (Peroxisome project) (Listed As: Peroxisome project (2,4-Dichlorophenoxyacetic acid))	94-75-7	54	*
Crotonaldehyde	4170-30-3	52	*	Dacarbazine	4342-03-4	49	17
Crude MCHM	CRUDEMCHM	33	5	Daminozide	1596-84-5	42	16
Crumb rubber various	CRUMBRUBBERVARIOUS	33	5	Damp Building Mold Mixture	DAMPBLDGMOLD	32	3
@ CS (Listed As: o- Chlorobenzalmalononitrile (CS))	2698-41-1	41	16	@ DAPSONE (Listed As: 4,4'- Sulfonyldianiline (Dapsone))	80-08-0	47	16
@ CTFT (Listed As: p-Chloro-a,a,a- trifluorotoluene)	98-56-6	35	12	Daunomycin	20830-81-3	49	17
@ CTFT (Listed As: p-Chloro-a,a,a- trifluorotoluene)	98-56-6	35	14	@ DBCP (Listed As: 1,2-Dibromo-3- chloropropane)	96-12-8	42	16
@ CTFT (Listed As: p-Chloro-a,a,a- trifluorotoluene)	98-56-6	37	16	@ DBCP (Listed As: 1,2-Dibromo-3- chloropropane)	96-12-8	42	16
@ CTFT (Listed As: p-Chloro-a,a,a- trifluorotoluene)	98-56-6	37	16	@ 1,3-DCP (Listed As: 1,3- Dichloropropene (Telone II))	542-75-6	43	16
Cumene	98-82-8	42	16	D&C Red No. 9	5160-02-1	42	16
Cumene hydroperoxide	80-15-9	52	*	D&C Yellow No. 11	8003-22-3	37	16
Cupferron	135-20-6	42	16	D&C Yellow No. 11	8003-22-3	42	16
Cupric sulfate	7758-99-8	37	16	@ DDC (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*
Cupric sulfate	7758-99-8	37	16	@ DDC (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*
@ Curcumin (Prevention 4) (Listed As: Prevention 4 (Curcumin))	458-37-7	54	*	@ DDC (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*
Cyclanilide	113136-77-9	52	*	o,p'-DDD	53-19-0	49	17
2-Cyclohexen-1-one	930-68-7	52	*	@ DDT (Listed As: Dichlorodiphenyltrichloroethane (DDT))	50-29-3	43	16
Cyclohexanone	108-94-1	49	17	@ DDVP (Listed As: Dichlorvos)	62-73-7	43	16
Cyclohexanone oxime	100-64-1	37	16	@ DDVP (Listed As: Dichlorvos)	62-73-7	43	16
Cyclohexene oxide	286-20-4	52	*	Decabromodiphenyl Ether	1163-19-5	33	5
Cyclohexene oxide	286-20-4	52	*	Decabromodiphenyl Ether	1163-19-5	42	16
Cyclohexene oxide	286-20-4	52	*	2,4-Decadienal	25152-84-5	52	*
Cyclophosphamide	50-18-0	49	17	2,4-Decadienal	25152-84-5	37	16
@ Cyclophosphamide monohydrate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclophosphamide monohydrate))	6055-19-2	55	*	Decalin	91-17-8	42	16
@ Cyclophosphamide monohydrate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclophosphamide monohydrate))	6055-19-2	55	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	34	10
@ Cyclosporin A (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclosporin A))	59865-13-3	55	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	34	10
@ Cyclosporin A (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclosporin A))	59865-13-3	55	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	52	*
Cyfluthrin	68359-37-5	52	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	33	5
Cylindrospermopsin	143545-90-8	32	3	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	52	*
Cyprodinil	121552-61-2	52	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	43	16
Cytarabine	147-94-4	49	17	Deoxynivalenol	51481-10-8	32	2
Cytembena	21739-91-3	42	16				
Cytoxal alcohol	4465-94-5	49	17				

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Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ DEP (Listed As: Diethyl phthalate)	84-66-2	43	16	@ Dibromoacetic acid (Water disinfection byproducts)	631-64-1	49	16
@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	55	*	(Listed As: Water disinfection byproducts (Dibromoacetic acid))			
@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	55	*	1,2-Dibromo-3-chloropropane	96-12-8	42	16
@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	55	*	1,2-Dibromo-3-chloropropane	96-12-8	42	16
@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	55	*	@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4- dicyanobutane)	35691-65-7	52	*
@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	55	*	@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4- dicyanobutane)	35691-65-7	52	*
@ DGRE (Listed As: Diglycidyl resorcinol ether (DGRE))	101-90-6	43	16	@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4- dicyanobutane)	35691-65-7	37	16
@ DHPT (Listed As: 4-(6-Methyl-2- benzothiazolyl)-benzenamine)	92-36-4	53	*	@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4- dicyanobutane)	35691-65-7	42	16
@ DIACETYL (Listed As: 2,3-Butanedione)	431-03-8	35	14	1,2-Dibromo-2,4-dicyanobutane	35691-65-7	52	*
Diallyl phthalate	131-17-9	42	16	1,2-Dibromo-2,4-dicyanobutane	35691-65-7	52	*
Diallyl phthalate	131-17-9	42	16	1,2-Dibromo-2,4-dicyanobutane	35691-65-7	37	16
4,4'-Diamino-2,2'- stilbenedisulfonic acid, disodium salt	7336-20-1	42	16	1,2-Dibromo-2,4-dicyanobutane	35691-65-7	42	16
2,4-Diaminoanisole sulfate	39156-41-7	42	16	Dibromodulcitol	10318-26-0	49	17
2,4-Diaminophenol dihydrochloride	137-09-7	42	16	1,2-Dibromoethane	106-93-4	42	16
2,4-Diaminotoluene (2,4-toluene diamine)	95-80-7	42	16	1,2-Dibromoethane	106-93-4	42	16
@ 2,6-Diaminotoluene HCL (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,6-Diaminotoluene 2HCL))	15481-70-6	55	*	Dibromomannitol	488-41-5	49	17
@ 2,6-Diaminotoluene HCL (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,6-Diaminotoluene 2HCL))	15481-70-6	55	*	2,3-Dibromo-1-propanol	96-13-9	42	16
@ 2,4-Diaminotoluene (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,4- Diaminotoluene))	95-80-7	55	*	Dibutyl Phthalate	84-74-2	34	10
@ 2,4-Diaminotoluene (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,4- Diaminotoluene))	95-80-7	55	*	Dibutyl Phthalate	84-74-2	37	16
Diarylanilide yellow	6358-85-6	42	16	Dibutyl Phthalate	84-74-2	37	16
Diazinon	333-41-5	42	16	@ Dibutyl phthalate (Peroxisome project) (Listed As: Peroxisome project (Dibutyl phthalate))	84-74-2	53	*
Diazoaminobenzene	136-35-6	37	16	Dibutyltin diacetate	1067-33-0	42	16
Dibenzo-p-dioxin	262-12-4	42	16	@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	37	16
@ DIBP (Listed As: Dibutyl Phthalate)	84-74-2	34	10	@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	36	16
@ DIBP (Listed As: Dibutyl Phthalate)	84-74-2	37	16	@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	36	16
@ DIBP (Listed As: Dibutyl Phthalate)	84-74-2	37	16	@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	43	16
@ Dibromoacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Dibromoacetic acid))	631-64-1	56	*	@ Dichloroacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Dichloroacetic acid))	79-43-6	56	*
				@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	36	16
				@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	36	16
				@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	36	16

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CHEMICAL NAME	CASRN	PAGE	REF
1,2-Dichlorobenzene (o-dichlorobenzene)	95-50-1	42	16
1,4-Dichlorobenzene (p-dichlorobenzene)	106-46-7	42	16
5,6-Dichloro-2-benzothiazolamine	24072-75-1	52	*
2,7-Dichlorodibenzo-p-dioxin	33857-26-0	42	16
@ 1,2-Dichloro-1,1-difluoroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,2-Dichloro-1,1- difluoroethane))	1649-08-7	38	16
p,p'-Dichlorodiphenyl dichloroethylene	72-55-9	42	16
p,p'-Dichlorodiphenyl sulfone	80-07-9		16
p,p'-Dichlorodiphenyl sulfone	80-07-9	43	16
Dichlorodiphenyltrichloroethane (DDT)	50-29-3	43	16
1,1-Dichloroethane	75-34-3	43	16
1,2-Dichloroethane	107-06-2	43	16
1,2-Dichloroethane	107-06-2	37	16
1,2-Dichloroethane	107-06-2		16
1,2-Dichloroethane	107-06-2		16
@ Dichloroethylene,1,1 (Listed As: Vinylidene Chloride)	75-35-4	49	16
@ Dichloroethylene,1,1 (Listed As: Vinylidene Chloride)	75-35-4	49	16
cis & trans 1,2-Dichloroethylene	540-59-0	52	*
cis-1,2-Dichloroethylene	156-59-2	52	*
trans-1,2-Dichloroethylene	156-60-5	52	*
trans-1,2-Dichloroethylene	156-60-5	52	*
trans-1,2-Dichloroethylene	156-60-5	37	16
@ Dichloromethane (Listed As: Methylene chloride)	75-09-2	45	16
Dichloromethotrexate	528-74-5	49	17
2,4-Dichlorophenol	120-83-2	43	16
2,6-Dichloro-p-phenylenediamine	609-20-1	43	16
1,2-Dichloropropane (propylene dichloride)	78-87-5	43	16
1,3-Dichloropropene (Telone II)	542-75-6	43	16
2,3-Dichloropropylene	78-88-6	52	*
Dichlorvos	62-73-7	43	16
Dichlorvos	62-73-7	43	16
Dicofol	115-32-2	43	16
Dicyclohexylcarbodiimide	538-75-0	36	16
Dicyclohexylcarbodiimide	538-75-0	36	16
Dicyclohexylcarbodiimide	538-75-0	36	16
N,N'-Dicyclohexylthiourea	1212-29-9	43	16
2',3'-Dideoxycytidine	7481-89-2	52	*
2',3'-Dideoxycytidine	7481-89-2	52	*
2',3'-Dideoxycytidine	7481-89-2	52	*
@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*
@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*

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CHEMICAL NAME	CASRN	PAGE	REF
@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'- Dideoxycytidine)	7481-89-2	52	*
Dieldrin	60-57-1	43	16
Dieldrin	60-57-1	43	16
Diesel fuel marine	DIESELFUEL	43	16
Diet Evaluation Study	DIETEVAL	52	*
Diethanolamine	111-42-2	37	16
Diethanolamine	111-42-2	37	16
Diethanolamine	111-42-2	43	16
@ Diethanolamine (Transgenic LECM) (Listed As: Transgenic LECM (diethanolamine))	111-42-2	56	*
Diethylamine	109-89-7	43	16
Di(2-ethylhexyl)adipate	103-23-1	43	16
Di(2-ethylhexyl) Phthalate	117-81-7	34	10
Di(2-ethylhexyl) Phthalate	117-81-7	34	10
Di(2-ethylhexyl) Phthalate	117-81-7	52	*
Di(2-ethylhexyl) Phthalate	117-81-7	33	5
Di(2-ethylhexyl) Phthalate	117-81-7	52	*
Di(2-ethylhexyl) Phthalate	117-81-7	43	16
@ Di(2-ethylhexyl) phthalate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Di(2-ethylhexyl) phthalate))	117-81-7	55	*
@ Di(2-ethylhexyl) phthalate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Di(2-ethylhexyl) phthalate))	117-81-7	55	*
Di(p-ethylphenyl)dichloroethane	72-56-0	43	16
Diethyl phthalate	84-66-2	43	16
Diethyl phthalate/dimethyl phthalate	DIETH/DIMETH	43	16
N,N'-Diethylthiourea	105-55-5	43	16
@ 1,2-Difluoro-1,1,2,2- tetrachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,2-Difluoro- 1,1,2,2-tetrachloroethane))	76-12-0	38	16
Diglycidyl resorcinol ether (DGRE)	101-90-6	43	16
3,4-Dihydrocoumarin	119-84-6	37	16
3,4-Dihydrocoumarin	119-84-6	43	16
1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	147-47-7	37	16
1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	147-47-7	43	16
1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	147-47-7	37	16
1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	147-47-7	43	16
1,2-Dihydro-2,2,4- trimethylquinoline (polymer)	26780-96-1	52	*
Diisopropylcarbodiimide	693-13-0	37	16
Diisopropylcarbodiimide	693-13-0	36	16
Diisopropylcarbodiimide	693-13-0	36	16
Diisopropylcarbodiimide	693-13-0	43	16
Dimethoate	60-51-5	43	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Endocrine disruptor (Ethinyl estradiol)	57-63-6	43	16	@ Ethylene chlorohydrin (Listed As: 2-Chloroethanol (ethylene chlorohydrin))	107-07-3	41	16
Endocrine disruptor (Ethinyl estradiol)	57-63-6	43	16	@ Ethylene dibromide (Listed As: 1,2-Dibromoethane)	106-93-4	42	16
Endocrine disruptor (Ethinyl estradiol)	57-63-6	43	16	@ Ethylene dibromide (Listed As: 1,2-Dibromoethane)	106-93-4	42	16
Endocrine disruptor (Genistein)	446-72-0	43	16	@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2	43	16
Endosulfan	115-29-7	43	16	@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2	37	16
Endrin	72-20-8	43	16	@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2		16
Ephedrine + caffeine combination	EPHEDCOMBO	52	*	@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2		16
Ephedrine + caffeine combination	EPHEDCOMBO	52	*	Ethylene glycol	107-21-1	44	16
Ephedrine sulfate	134-72-5	43	16	Ethylene glycol monoethyl ether (EGMEE)	110-80-5	38	16
Epichlorhydrin	106-89-8	50	17	Ethylene glycol monoethyl ether (EGMEE)	110-80-5	38	16
Epinephrine hydrochloride	55-31-2	43	16	Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	38	16
1,2-Epoxybutane	106-88-7	43	16	Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	38	16
Erythromycin stearate	643-22-1	43	16	Ethylene oxide	75-21-8	44	16
Estradiol mustard	22966-79-6	43	16	Ethylene thiourea (ETU)	96-45-7	44	16
Estragole	140-67-0	52	*	2-Ethylhexyl Diphenyl Phosphate	1241-94-7	52	*
Estragole	140-67-0	38	16	@ 1-Ethyl-3-methylimidazolium Chloride (Ionic Liquid) (Listed As: Ionic Liquid: 1- Ethyl-3-methylimidazolium Chloride)	65039-09-0	33	5
1,2-bis(pentabromophenyl)ethane	84852-53-9	33	5	Ethyl tellurac	20941-65-5	44	16
Ethanol	64-17-5	43	16	@ Ethyl tellurac (Listed As: Ethyl tellurac)	20941-65-5	44	16
Ethanone, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthalenyl)- (Iso-E Super®; OTNE)	54464-57-2	38	16	2-ethyltoluene	611-14-3	52	*
Ethinyl estradiol	57-63-6	33	5	2-ethyltoluene	611-14-3	32	4
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	43	16	3-ethyltoluene	620-14-4	52	*
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	43	16	4-ethyltoluene	622-96-8	52	*
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	43	16	Ethyl vinyl ketone	1629-58-9	52	*
@ Ethinyl estradiol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Ethinyl estradiol))	57-63-6	55	*	Eugenol	97-53-0	44	16
@ Ethinyl estradiol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Ethinyl estradiol))	57-63-6	55	*	@ EVK (Listed As: Ethyl vinyl ketone)	1629-58-9	52	*
Ethionamide	536-33-4	43	16	FD & C Yellow No. 6	2783-94-0	44	16
@ Ethoxyethanol (Listed As: NTP-88 diet study (EGMEE))	DIET88+EGMEE	53	*	Feed restriction studies	FEEDRESTRICT	44	16
Ethoxyquin	91-53-2	52	*	Formulated fenaminosulf	140-56-7	44	16
Ethyl acrylate	140-88-5	43	16	Fenofibrate	49562-28-9	33	5
Ethylbenzene	100-41-4	38	16	Fenthion	55-38-9	44	16
Ethylbenzene	100-41-4	43	16	Ferrocene	102-54-5	52	*
@ Ethyl bromide (Listed As: Bromoethane (ethyl bromide))	74-96-4	41	16	@ Firemaster 680 (Listed As: 1,2-Bis(2,4,6-tribromophenoxy)ethane)	37853-59-1	33	5
@ Ethyl chloride (Listed As: Chloroethane)	75-00-3	41	16	@ Firemaster FF-1 (Listed As: Polybrominated biphenyl mixture (Firemaster FF-1))	67774-32-7	47	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Firemaster FF-1 (Listed As: Polybrominated biphenyl mixture (Firemaster FF-1))	67774-32-7	47	16	@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	33	5
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	44	16	@ Flame Retardant 2 (Listed As: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether))	21850-44-2	32	3
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	44	16	@ Flame Retardant 2 (Listed As: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether))	21850-44-2	35	12
Fish Project 1 (Nitromethane)	75-52-5	44	16	@ Flame Retardant 2 (Listed As: 1,3,5,7,9,11-Hexabromocyclododecane)	25637-99-4	33	5
Fish Project 1 (Nitromethane)	75-52-5	44	16	@ Flame Retardant 2 (Listed As: Bis(2-ethylhexyl) tetrabromophthalate)	26040-51-7	33	5
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	44	16	@ Flame Retardant 2 (Listed As: 1,2-Bis(2,4,6-tribromophenoxy)ethane)	37853-59-1	33	5
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	44	16	@ Flame Retardant 2 (Listed As: Hexachlorocyclopentadienyl-dibromocyclooctane)	51936-55-1	33	5
@ Flame Retardant 1 (Listed As: Triphenyl Phosphate)	115-86-6	56	*	@ Flame Retardant 2 (Listed As: 1,2-bis(pentabromophenyl)ethane)	84852-53-9	33	5
@ Flame Retardant 1 (Listed As: Triphenyl Phosphate)	115-86-6	34	5	@ Flame Retardant 2 (Listed As: 2-ethylhexyl-2,3,4,5-tetrabromobenzoate)	183658-27-7	33	5
@ Flame Retardant 1 (Listed As: 2-Ethylhexyl Diphenyl Phosphate)	1241-94-7	52	*	@ Flaxseed oil + melatonin (Prevention 1) (Listed As: Prevention 1 (Flaxseed oil + melatonin))	FLAXSEED+MEL	54	*
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	56	*	@ Flaxseed oil (Prevention 1) (Listed As: Prevention 1 (Flaxseed oil))	8001-26-1	54	*
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	32	2	Fluometuron	2164-17-2	44	16
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	56	*	Fluorotelomer Alcohol 8+2	678-39-7	32	3
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	48	16	Flusilazole	85509-19-9	52	*
@ Flame Retardant 1 (Listed As: Isodecyl Diphenyl Phosphate)	29761-21-5	53	*	Flutamide	13311-84-7	52	*
@ Flame Retardant 1 (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	51	*	Formaldehyde	50-00-0	52	*
@ Flame Retardant 1 (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	32	2	Formaldehyde	50-00-0	52	*
@ Flame Retardant 1 (Listed As: Isopropylated Phenol Phosphate)	68937-41-7	33	5	Formamide	75-12-7	38	16
@ Flame Retardant 1 (Listed As: Isopropylated Phenol Phosphate)	68937-41-7	53	*	Formamide	75-12-7	44	16
@ Flame Retardant 2 (Listed As: Decabromodiphenyl Ether)	1163-19-5	33	5	Formic acid	64-18-6	38	16
@ Flame Retardant 2 (Listed As: Decabromodiphenyl Ether)	1163-19-5	42	16	Fumonisin B1	116355-83-0		16
@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	54	*	Fumonisin B1	116355-83-0	44	16
@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	32	2	Furan	110-00-9	50	17
@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	54	*	Furan	110-00-9	33	5
				Furan	110-00-9	44	16
				Furfural	98-01-1	44	16
				Furfuryl alcohol	98-00-0	38	16
				Furfuryl alcohol	98-00-0	44	16
				@ Furfuryl alcohol (Transgenic LECM) (Listed As: Transgenic LECM (Furfuryl alcohol))	98-00-0	55	*
				Furosemide	54-31-9	44	16
				Gallium arsenide	1303-00-0	38	16
				Gallium arsenide	1303-00-0	44	16
				Gallium oxide	12024-21-4	52	*
				Garcinia Cambogia Extract	90045-23-1	33	5

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ GCE (Listed As: Garcinia Cambogia Extract)	90045-23-1	33	5	Halogenated ethanes CS (1,1,2,2-Tetrabromoethane)	79-27-6	38	16
@ Gemfibrozil (Peroxisome project) (Listed As: Peroxisome project (Gemfibrozil))	25812-30-0	54	*	Halogenated ethanes CS (1,1,1,2-Tetrachloroethane)	630-20-6	38	16
@ Genistein (Endocrine disruptor) (Listed As: Endocrine disruptor (Genistein))	446-72-0	43	16	Halogenated ethanes CS (1,1,2,2-Tetrachloroethane)	79-34-5	38	16
@ Gentian violet (Listed As: Hexamethyl-p-rosaniline chloride)	548-62-9	44	16	Halogenated ethanes CS (1,1,1-Trichloroethane)	71-55-6	38	16
@ Gentian violet (Listed As: Hexamethyl-p-rosaniline chloride)	548-62-9	44	16	Halogenated ethanes CS (1,1,1-Trichloro-2,2,2-trifluoroethane)	354-58-5	38	16
Geranyl acetate	105-87-3	44	16	@ Harness (R) (Listed As: Acetochlor)	34256-82-1	51	*
Ginkgo biloba extract	90045-36-6	44	16	HC Blue 1	2784-94-3	44	16
Ginkgo biloba extract	90045-36-6	33	5	HC Blue 2	33229-34-4	44	16
Ginseng	50647-08-0	44	16	HC Red 3	2871-01-4	44	16
Ginseng	50647-08-0	33	5	HC Yellow 4	59820-43-8	44	16
Glucosamine	3416-24-8	52	*	Heptachlor	76-44-8	44	16
Glucosamine Hydrochloride + Chondroitin Sulfate	GLUCOSCHONDN	53	*	1,3,5,7,9,11-Hexabromocyclododecane	25637-99-4	33	5
Glutaraldehyde	111-30-8	38	16	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	68631-49-2	32	2
Glutaraldehyde	111-30-8	44	16	Hexachlorobenzene	118-74-1	33	5
Glycidamide	5694-00-8	44	16	Hexachlorobenzene	118-74-1	35	14
Glycidol	556-52-5	44	16	@ 2,2'-4,4',5,5'-hexachlorobiphenyl (PCB 153) (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PCB 153- 2,2'-4,4',5,5'-hexachlorobiphenyl))	35065-27-1	48	16
@ Glycidol (Transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Glycidol))	556-52-5	36	16	Hexachloro-1,3-butadiene	87-68-3	38	16
@ Glycol (Listed As: Polysorbate 80 (glycol))	9005-65-6	47	16	Hexachlorocyclopentadiene	77-47-4	44	16
Glyoxal	107-22-2	53	*	Hexachlorocyclopentadienyl-dibromocyclooctane	51936-55-1	33	5
Glyphosate	1071-83-6	38	16	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	44	16
Glyphosate	1071-83-6	38	16	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	44	16
Goldenseal extract	84603-60-1	33	5	Hexachloroethane	67-72-1	44	16
Goldenseal root powder	GOLDENSEALRT	38	16	Hexachloroethane	67-72-1	44	16
Goldenseal root powder	GOLDENSEALRT	44	16	@ Hexachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Hexachloroethane))	67-72-1	38	16
@ Green, Phthalocyanine (Listed As: C.I. Phthalocyanine green)	1328-53-6	52	*	Hexachlorophene	70-30-4	44	16
Green Tea Extract	GREENTEAEXTR	33	5	2,4-Hexadienal	142-83-6	38	16
Green Tea Extract	GREENTEAEXTR	44	16	2,4-Hexadienal	142-83-6	44	16
Guanazole	1455-77-2	50	17	Hexamethyl-p-rosaniline chloride	548-62-9	44	16
Guar gum	9000-30-0	44	16	Hexamethyl-p-rosaniline chloride	548-62-9	44	16
Gum Arabic	9000-01-5	44	16	Hexanamide	628-02-4	50	17
Gum Guggul Extract	GUMGUGGULEXT	53	*	1,6-Hexanediamine dihydrochloride	6055-52-3	38	16
Halogenated ethanes CS (1,2-Dichloro-1,1,1-difluoroethane)	1649-08-7	38	16	1,6-Hexanediamine dihydrochloride	6055-52-3	38	16
Halogenated ethanes CS (1,2-Difluoro-1,1,2,2-tetrachloroethane)	76-12-0	38	16	n-Hexane	110-54-3	38	16
Halogenated ethanes CS (Hexachloroethane)	67-72-1	38	16	4-Hexylresorcinol	136-77-6	44	16
Halogenated ethanes CS (Pentabromoethane)	75-95-6	38	16	@ HMB (Listed As: 2-Hydroxy-4-methoxybenzophenone)	131-57-7	35	13
Halogenated ethanes CS (Pentachloroethane)	76-01-7	38	16	@ HMB (Listed As: 2-Hydroxy-4-methoxybenzophenone)	131-57-7	38	16
Halogenated ethanes CS (1,1,1,2-Tetrabromoethane)	630-16-0	38	16				

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ HMB (Listed As: 2-Hydroxy-4-methoxybenzophenone)	131-57-7	38	16	Insertional mutagenesis (LTR/SIN vectors)	INSERTMUT	53	*
@ HMB (Listed As: 2-Hydroxy-4-methoxybenzophenone)	131-57-7	38	16	Interferon AD (AIDS Initiative)	INTERFERONAD	44	16
@ 4-HPR (Retinoid project 6) (Listed As: Retinoid project 6 (4-HPR))	65646-68-6	54	*	Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative)	INTAZTCOMB	44	16
Hydrazobenzene	122-66-7	44	16	Interferon AD + ddC (AIDS Initiative)	INTDCCOMB	53	*
Hydrochlorothiazide	58-93-5	44	16	Interferon A (AIDS Initiative)	76543-88-9	44	16
Hydroquinone	123-31-9	44	16	Iodinated glycerol	5634-39-9	45	16
Phenolic Benzotriazoles (3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester)	84268-23-5	33	5	Iodoform	75-47-8	45	16
2-Hydroxy-4-methoxybenzophenone	131-57-7	35	13	Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride	79917-90-1	34	6
2-Hydroxy-4-methoxybenzophenone	131-57-7	38	16	Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride	479500-35-1	33	5
2-Hydroxy-4-methoxybenzophenone	131-57-7	38	16	Ionic Liquid: N-Butylpyridinium Chloride	1124-64-7	33	5
2-Hydroxy-4-methoxybenzophenone	131-57-7	38	16	Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride	65039-09-0	33	5
5-(Hydroxymethyl)-2-furfural	67-47-0	38	16	Ionic liquid Toxicity	IONICLIQUIDS	53	*
5-(Hydroxymethyl)-2-furfural	67-47-0	44	16	Isobutene	115-11-7	45	16
8-Hydroxyquinoline	148-24-3	44	16	Isobutyl nitrite	542-56-3	45	16
@ 8-Hydroxyquinoline (Transgenic model evaluation) (Listed As: Transgenic model evaluation (8-Hydroxyquinoline))	148-24-3	55	*	Isobutyraldehyde	78-84-2	38	16
@ 8-Hydroxyquinoline (Transgenic model evaluation) (Listed As: Transgenic model evaluation (8-Hydroxyquinoline))	148-24-3	55	*	Isobutyraldehyde	78-84-2	45	16
Hydroxyurea	127-07-1	50	17	Isodecyl Diphenyl Phosphate	29761-21-5	53	*
ICRF-159	21416-87-5	44	16	Isoeugenol	97-54-1	45	16
@ IDDP (Listed As: Isodecyl Diphenyl Phosphate)	29761-21-5	53	*	Isophorone	78-59-1	45	16
IPD (3,3'-iminobis-1-propanol dimethanesulfonate (ester) hydrochloride)	3458-22-8	44	16	Isophosphamide	3778-73-2	45	16
Indium phosphide	22398-80-7	44	16	Isoprene	78-79-5	38	16
Indole-3-carbinol	700-06-1	35	14	Isoprene	78-79-5	45	16
Indole-3-carbinol	700-06-1	44	16	Isoprene	78-79-5	16	
@ Indole-3-carbinol (Prevention 4) (Listed As: Prevention 4 (Indole-3-carbinol))	700-06-1	54	*	Isopropylated Phenol Phosphate	68937-41-7	33	5
Indoxacarb	173584-44-6	53	*	Isopropylated Phenol Phosphate	68937-41-7	53	*
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	44	16	Kava kava extract	9000-38-8	45	16
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	44	16	@ Kelthane (Listed As: Dicofol)	115-32-2	43	16
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	44	16	@ Kepone (Listed As: Chlordecone)	143-50-0	41	16
Insertional mutagenesis (Radiation Levels)	INSERTMUTRAD	53	*	Lasiocarpine	303-34-4	45	16
Insertional mutagenesis II (SIN vector)	INSERTMUT2	53	*	Lauric acid diethanolamine condensate	120-40-1	45	16
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	34	8	@ Lauric acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Lauric acid diethanolamine condensate))	120-40-1	55	*
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	32	4	@ Lauric acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Lauric acid diethanolamine condensate))	120-40-1	55	*
				Lead(2+) acetate	301-04-2	53	*
				Lead contaminated soil	PBCONTAMSOIL	53	*
				Lead dimethyldithiocarbamate	19010-66-3	45	16
				Lead ores	LEADORES	53	*
				Lead oxide	1317-36-8	53	*
				Lead sulfide	1314-87-0	53	*
				Lead sulfide	1314-87-0	53	*

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Leucomalachite green	129-73-7	45	16	@ Melatonin + curcumin (Prevention 4)	MEL+CURCUMIN	54	*
Leucomalachite green	129-73-7	38	16	(Listed As: Prevention 4 (Melatonin + curcumin))			
Libby Amphibole 2007	LA2007	32	4	@ Melatonin + indole-3-carbinol (Prevention 4)	MEL+INDOLCAR	54	*
D-Limonene	5989-27-5	45	16	(Listed As: Prevention 4 (Melatonin + indole-3-carbinol))			
Lindane	58-89-9	45	16	@ Melatonin (Prevention 2)	73-31-4	54	*
Lipopolysaccharides from Escherichia coli	ECOLI_LPS	53	*	(Listed As: Prevention 2 (Melatonin))			
Lithocholic acid	434-13-9	45	16	@ Melatonin (Prevention 3)	73-31-4	54	*
Locust bean gum	9000-40-2	45	16	(Listed As: Prevention 3 (Melatonin))			
Lomustine	13010-47-4	50	17	@ Melphalan	148-82-3	50	17
1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020	35	13	@ Melphalan (Transgenic model evaluation)	148-82-3	55	*
1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020	34	7	(Listed As: Transgenic model evaluation (Melphalan))			
@ Low isoflavone soy protein powder (Prevention 6) (Listed As: Prevention 6 (low isoflavone soy protein powder))	ISOFLAVSOYPT	54	*	@ Melphalan (Transgenic model evaluation)	148-82-3	55	*
@ Luperox TBH70 (Listed As: tert-Butyl hydroperoxide)	75-91-2	51	*	(Listed As: Transgenic model evaluation (Melphalan))			
@ Luperox TBH70 (Listed As: tert-Butyl hydroperoxide)	75-91-2	51	*	@ Melphalan (Transgenic model evaluation)	148-82-3	55	*
Magnetic fields (EMF)	ELECTROMAG	45	16	(Listed As: Transgenic model evaluation (Melphalan))			
Magnetic fields (EMF)	ELECTROMAG	53	*	@ Melphalan (Transgenic model evaluation)	148-82-3	55	*
Magnetic fields (EMF)	ELECTROMAG	38	16	(Listed As: Transgenic model evaluation (Melphalan))			
Magnetic fields + DMBA initiation promotion	EMF+DMBA	38	16	@ Melphalan (Transgenic model evaluation)	148-82-3	55	*
Malachite green	569-64-2	45	16	(Listed As: Transgenic model evaluation (Melphalan))			
Malachite green	569-64-2	38	16	DL-menthol	15356-70-4	45	16
Malaoxon	1634-78-2	45	16	2-Mercaptobenzimidazole	583-39-1	53	*
Malathion	121-75-5	45	16	2-Mercaptobenzimidazole	583-39-1	53	*
Malathion	121-75-5	45	16	2-Mercaptobenzothiazole	149-30-4	45	16
@ Melatonin + silymarin (Prevention 2) (Listed As: Prevention 2 (Silymarin + melatonin))	SILYMARN+MEL	54	*	6-Mercaptopurine	50-44-2	50	17
Malonaldehyde, sodium salt	24382-04-5	45	16	Mercuric chloride	7487-94-7	45	16
@ MAN (Listed As: Methacrylonitrile)	126-98-7	16	16	Merphalan	531-76-0	50	17
@ MAN (Listed As: Methacrylonitrile)	126-98-7	45	16	Metal working fluids (Syntilo 1023)	SYNTILO1023	53	*
Manganese sulfate monohydrate	10034-96-5	38	16	Metal Working Fluids: CIMSTAR 3800	CIMSTAR3800	45	16
Manganese sulfate monohydrate	10034-96-5	45	16	Metal working fluids (Trim SC210)	TRIMSC210	53	*
D-Mannitol	69-65-8	45	16	Metal Working Fluids: TRIM® VX	TRIMVX	45	16
@ Marijuana component (Listed As: 1-trans-delta-9-Tetrahydrocannabinol)	1972-08-3	39	16	Methacrylonitrile	126-98-7	16	
@ Marijuana component (Listed As: 1-trans-delta-9-Tetrahydrocannabinol)	1972-08-3	48	16	Methacrylonitrile	126-98-7	45	16
Melamine	108-78-1	45	16	Methacrylonitrile	126-98-7	45	16
Melamine + Cyanuric Acid combination	MELCYANCOMB	33	5	Methapyrilene hydrochloride	135-23-9	50	17
Melamine + Cyanuric Acid combination	MELCYANCOMB	53	*	Methapyrilene hydrochloride	135-23-9	53	*
Melamine + Cyanuric Acid combination	MELCYANCOMB	33	5	Methapyrilene hydrochloride	135-23-9	38	16
Melatonin	73-31-4	53	*	Methdilazine	1982-37-2	53	*
Melatonin	73-31-4	53	*	@ N-methololacrylamide (Transgenic model evaluation) (Listed As: Transgenic model evaluation (N-Methylolacrylamide))	924-42-5	55	*
				@ N-methololacrylamide (Transgenic model evaluation) (Listed As: Transgenic model evaluation (N-Methylolacrylamide))	924-42-5	56	*

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Methotrexate	59-05-2	50	17	@ 1-BUTANONE, 4- (METHYLNITROSOAMINO)-1-3- PYRIDINYL)- (9CI) (Listed As: Ozone/NNK)	OZONNNKCOMB	46	16
6-Methoxy-2-benzothiazolamine	1747-60-0	53	*	N-Methylolacrylamide	924-42-5	45	16
Methoxychlor	72-43-5	45	16	Methyl parathion	298-00-0	45	16
@ Methoxyethanol (Listed As: NTP-88 diet study (EGMME))	DIET88+EGMME	53	*	Methylphenidate hydrochloride	298-59-9	38	16
2-Methoxy-4-nitroaniline	97-52-9	53	*	Methylphenidate hydrochloride	298-59-9	45	16
8-Methoxypsoralen	298-81-7	45	16	@ Methylphenidate hydrochloride (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Methylphenidate hydrochloride))	298-59-9	56	*
4-(6-Methyl-2-benzothiazolyl)- benzenamine	92-36-4	53	*	alpha-Methylstyrene	98-83-9	53	*
alpha-Methylbenzyl alcohol	98-85-1	45	16	alpha-Methylstyrene	98-83-9	45	16
Methyl bromide	74-83-9	38	16	Methyl trans-styryl ketone	1896-62-4	53	*
Methyl bromide	74-83-9	45	16	Methyl trans-styryl ketone	1896-62-4	53	*
Methyl bromide	74-83-9	38	16	Methyl trans-styryl ketone	1896-62-4	45	16
Methyl carbamate	598-55-0	45	16	Methyl vinyl ketone	78-94-4	53	*
Methyl CCNU	13909-09-6	50	17	@ N-Methyl-N'-nitro-N- nitrosoguanidine (MNNG) (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	44	16
@ Methyl chloroform (Listed As: 1,1,1- Trichloroethane)	71-55-6	48	16	@ N-Methyl-N'-nitro-N- nitrosoguanidine (MNNG) (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	44	16
@ Methyl chloroform (Listed As: 1,1,1- Trichloroethane)	71-55-6	39	16	Mexacarbate	315-18-4	45	16
Methyl coumarin	92-48-8	53	*	Michler's ketone	90-94-8	45	16
4-Methylcyclohexanemethanol	34885-03-5	33	5	Microbiome	MICROBIOME	33	5
Methyldopa sesquihydrate	41372-08-1	45	16	Microcystin-LA (TGMX)	96180-79-9	53	*
4,4'-Methylenebis(N,N- dimethyl)benzenamine	101-61-1	45	16	Microcystin-LR (TGMX)	101043-37-2	53	*
Methylene bis(thiocyanate)	6317-18-6	38	16	Microcystin mixture (TGMX)	MICROCYSTINMX	53	*
Methylene blue trihydrate	7220-79-3	53	*	Milk thistle extract	84604-20-6	45	16
Methylene blue trihydrate	7220-79-3	53	*	Milk thistle extract	84604-20-6	33	5
Methylene blue trihydrate	7220-79-3	45	16	Mirex	2385-85-5	45	16
Methylene chloride	75-09-2	45	16	Mitomycin C	50-07-7	50	17
4,4'-Methylenedianiline dihydrochloride	13552-44-8	45	16	Molybdenum trioxide	1313-27-5	38	16
Methyl ethyl ketone peroxide	1338-23-4	38	16	Molybdenum trioxide	1313-27-5	45	16
Methyl ethyl ketoxime	96-29-7	38	16	Monochloroacetic acid	79-11-8	45	16
Methyleugenol	93-15-2	33	5	Monuron	150-68-5	45	16
Methyleugenol	93-15-2	38	16	@ 8-MOP (Listed As: 8-Methoxypsoralen)	298-81-7	45	16
Methyleugenol	93-15-2	45	16	Mouse ageing study	MOUSEAGE	50	17
Methyleugenol (TGMX rat liver evaluation)	93-15-2	53	*	@ MVK (Listed As: Methyl vinyl ketone)	78-94-4	53	*
2-Methylimidazole	693-98-1	38	16	@ MX (Listed As: 3-Chloro-4- (dichloromethyl)-5-hydroxy- 2(5H)-furanone(MX))	77439-76-0	52	*
2-Methylimidazole	693-98-1	45	16	beta-Myrcene	123-35-3	45	16
4-Methylimidazole	822-36-6	38	16	Myristicin	607-91-0	35	12
4-Methylimidazole	822-36-6	45	16	Nalidixic acid	389-08-2	45	16
Methyl isobutyl ketone	108-10-1	45	16				
Methyl isocyanate	624-83-9	50	17				
6-Methylmercaptapurine ribonucleoside	342-69-8	50	17				
Methyl methacrylate	80-62-6	45	16				
3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	EMTDP-76	53	*				
3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	EMTDP-76	53	*				
2-Methyl-1-nitroanthraquinone	129-15-7	45	16				
2-Methyl-1-nitroanthraquinone	129-15-7	50	17				

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Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Nanoscale Material (Fullerene C60 18 microns)	99685-96-8	32	3	1-Nitronaphthalene	86-57-7	46	16
Nanoscale material (Fullerene-C60 1 micron)	99685-96-8	35	12	p-Nitrophenol	100-02-7	46	16
Nanoscale Material (Fullerene C60 200 nanometers)	99685-96-8	32	3	2-Nitro-p-phenylenediamine	5307-14-2	46	16
Nanoscale material (Fullerene-C60 50 nanometers)	99685-96-8	35	12	4-Nitro-o-phenylenediamine	99-56-9	46	16
Nanoscale material (Quantum dots)	QUANTUMDOTS	53	*	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	53	*
Nanoscale material (Rutile titanium dioxide)	1317-80-2	53	*	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	53	*
Nanoscale Silver	7440-22-4	33	5	3-Nitropropionic acid	504-88-1	46	16
Naphthalene	91-20-3	45	16	1-Nitropyrene	5522-43-0	39	16
Naphthalene	91-20-3	45	16	N-Nitrosodiethanolamine	1116-54-7	53	*
1,5-Naphthalenediamine	2243-62-1	45	16	N-Nitrosodimethylamine (TGMX rat liver evaluation)	62-75-9	53	*
N-(1-Naphthyl)ethylenediamine dihydrochloride	1465-25-4	45	16	N-Nitrosodiphenylamine	86-30-6	46	16
Navy fuels JP-5	8008-20-6	45	16	p-Nitrosodiphenylamine	156-10-5	46	16
@ NBBS	3622-84-2	33	5	beta-Nitrostyrene	102-96-5	46	16
(Listed As: N-Butylbenzenesulfonamide)				m-Nitrotoluene	99-08-1	39	16
@ NBBS	3622-84-2	32	3	o-Nitrotoluene	88-72-2	39	16
(Listed As: N-Butylbenzenesulfonamide)				o-Nitrotoluene	88-72-2	39	16
@ NBPC	1124-64-7	33	5	o-Nitrotoluene	88-72-2	46	16
(Listed As: Ionic Liquid: N-Butylpyridinium Chloride)				p-Nitrotoluene	99-99-0	53	*
NCT/DERT standardization experiment (APAP & AMAP)	NCTSTANDARD	53	*	p-Nitrotoluene	99-99-0	39	16
@ Nevirex (R)	34256-82-1	51	*	p-Nitrotoluene	99-99-0	46	16
(Listed As: Acetochlor)				5-Nitro-o-toluidine	99-55-8	46	16
Nickel (II) oxide	1313-99-1	45	16	@ NNK	OZONNNKCOMB	46	16
Nickel sulfate hexahydrate	10101-97-0	46	16	(Listed As: Ozone/NNK)			
Nickel subsulfide	12035-72-2	46	16	@ NTA	139-13-9	46	16
Nithiazide	139-94-6	46	16	(Listed As: Nitrilotriacetic acid (NTA))			
Nitrilotriacetic acid (NTA)	139-13-9	46	16	NTP-2000 diet	DIET2000	53	*
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	46	16	NTP 90 diet study	DIET90	50	17
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	46	16	NTP 91/92 diet study	DIET9192	50	17
5-Nitroacenaphthene	602-87-9	46	16	NTP-88 diet study (EGMBE)	DIET88+EGMBE	53	*
3-Nitro-p-acetophenetide	1777-84-0	46	16	NTP-88 diet study (EGMEE)	DIET88+EGMEE	53	*
p-Nitroaniline	100-01-6	16		NTP-88 diet study (EGMME)	DIET88+EGMME	53	*
p-Nitroaniline	100-01-6	46	16	NTP-88 diet study (m-Nitrotoluene)	DIET88+MNITR	53	*
5-Nitro-o-anisidine	99-59-2	46	16	NTP-88 diet study (o-Nitrotoluene)	DIET88+ONITR	53	*
o-Nitroanisole	91-23-6	16		NTP-88 diet study (p-Nitrotoluene)	DIET88+PNITR	53	*
o-Nitroanisole	91-23-6	46	16	Ochratoxin A	303-47-9	46	16
4-Nitroanthranilic acid	619-17-0	46	16	Phenolic Benzotriazoles (Octrizole)	3147-75-9	33	5
Nitrobenzene	98-95-3	53	*	Oleic acid diethanolamine condensate	93-83-4	46	16
6-Nitrobenzimidazole	94-52-0	46	16	@ Oleic acid diethanolamine condensate (transgenic LECM) (Listed As: Transgenic LECM (Oleic acid diethanolamine condensate))	93-83-4	55	*
m-Nitrobenzoic acid	121-92-6	53	*	@ Oleic acid diethanolamine condensate (transgenic LECM) (Listed As: Transgenic LECM (Oleic acid diethanolamine condensate))	93-83-4	55	*
p-Nitrobenzoic acid	62-23-7	39	16	@ Orange 10, C.I.Acids (Listed As: C.I. Acid Orange 10)	1936-15-8	42	16
p-Nitrobenzoic acid	62-23-7	46	16				
Nitrofen	1836-75-5	46	16				
Nitrofen	1836-75-5	46	16				
Nitrofurantoin	67-20-9	46	16				
Nitrofurazone	59-87-0	46	16				
Nitrofurazone	59-87-0	50	17				
Nitromethane	75-52-5	46	16				

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Orange 3, C.I. Acid (Listed As: C.I. Acid Orange 3)	6373-74-6	42	16	@ PECDF (TEF transgenics) (Listed As: TEF transgenics (PECDF))	57117-31-4	54	*
Oxazepam	604-75-1	46	16	Penicillin VK	132-98-9	46	16
Oxazepam	604-75-1	46	16	2,2',4,4',5-Pentabromodiphenyl Ether	60348-60-9	32	2
4,4'-Oxydianiline	101-80-4	46	16	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	46	16
Oxymetholone	434-07-1	53	*	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	32	3
Oxymetholone	434-07-1	46	16	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	32	2
Oxytetracycline hydrochloride	2058-46-0	46	16	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	53	*
Ozone	10028-15-6	46	16	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	53	*
Ozone	10028-15-6	46	16	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	33	5
Ozone/NNK	OZONNNKCOMB	46	16	@ Pentabromoethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Pentabromoethane))	75-95-6	38	16
Parathion	56-38-2	46	16	Pentachloroanisole	1825-21-4	46	16
@ 2,5-PCADPE (Listed As: 2,5-Pyridinedicarboxylic Acid, Dipropyl Ester)	136-45-8	54	*	Pentachlorobenzene	608-93-5	39	16
@ PCB 126/PECDF mixture (TEF transgenics) (Listed As: TEF transgenics (PCB 126 / PECDF mixture))	TEFTGMIXTURE	54	*	3,3,4,4,5-Pentachlorobiphenyl (PCB 126)	57465-28-8	53	*
@ PCB 126 (TEF transgenics) (Listed As: TEF transgenics (PCB 126))	57465-28-8	54	*	@ Pentachlorodibenzofuran (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran)))	57117-31-4	47	16
@ PCB 126 (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl))	57465-28-8	48	16	Pentachloroethane	76-01-7	46	16
@ PCB 153 (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PCB 153- 2,2'-4,4',5,5'-hexachlorobiphenyl))	35065-27-1	48	16	@ Pentachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Pentachloroethane))	76-01-7	38	16
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	35	12	Pentachloronitrobenzene	82-68-8	46	16
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	35	14	Pentachloronitrobenzene	82-68-8	46	16
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	37	16	Pentachlorophenol, Dowicide EC-7	87-86-5	46	16
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	37	16	Pentachlorophenol, DP-2	87-86-5	39	16
@ PCB-118 (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PCB 118))	31508-00-6	47	16	Pentachlorophenol, purified	87-86-5	39	16
PCN 66/67 comparison study	PCNCOMPARISN	35	14	Pentachlorophenol, purified	87-86-5	46	16
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	35	12	Pentachlorophenol, technical	87-86-5	46	16
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	35	14	@ Pentachlorophenol (Transgenic LECM) (Listed As: Transgenic LECM (Pentachlorophenol))	87-86-5	55	*
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	37	16	@ Pentachlorophenol (Transgenic LECM) (Listed As: Transgenic LECM (Pentachlorophenol))	87-86-5	55	*
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	37	16	Pentaerythritol tetranitrate	78-11-5	46	16
				Pentaerythritol triacrylate	3524-68-3	36	16
				Pentaerythritol triacrylate	3524-68-3	36	16
				2,3-Pentanedione	600-14-6	35	12
				@ Perchloroethylene (Listed As: Tetrachloroethylene)	127-18-4	48	16
				@ Perchloroethylene (Listed As: Tetrachloroethylene)	127-18-4	48	16
				Perfluorobutane sulfonate (PFBS)	375-73-5	34	6
				Perfluorodecanoic Acid	335-76-2	34	6

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Perfluorohexane sulfonate potassium salt (PFHKSslt)	3871-99-6	33	5	@ Phenolphthalein (Transgenic model evaluation II)	77-09-8	36	16
Perfluorohexanoic acid (PFHXA)	307-24-4	34	6	(Listed As: Transgenic model evaluation II (Phenolphthalein))			
Perfluorononanoic Acid	375-95-1	34	6	Phenoxybenzamine hydrochloride	63-92-3	46	16
Perfluorooctane Sulfonate	1763-23-1	34	6	Phenylbutazone	50-33-9	46	16
Perfluorooctanoic Acid	335-67-1	34	10	p-Phenylenediamine dihydrochloride	624-18-0	46	16
Perfluorooctanoic Acid	335-67-1	34	10	Phenylephrine hydrochloride	61-76-7	46	16
Perfluorooctanoic Acid	335-67-1	34	6	1-Phenyl-3-methyl-5-pyrazolone	89-25-8	46	16
Perfluorooctanoic Acid	335-67-1	33	5	N-Phenyl-2-naphthylamine	135-88-6	46	16
Peroxisome project (Dibutyl phthalate)	84-74-2	53	*	o-Phenylphenol	90-43-7	46	16
Peroxisome project (2,4-Dichlorophenoxyacetic acid)	94-75-7	54	*	N-Phenyl-p-phenylenediamine	101-54-2	46	16
Peroxisome project (Gemfibrozil)	25812-30-0	54	*	1-Phenyl-2-thiourea	103-85-5	46	16
Peroxisome project (WY-14643)	50892-23-4	39	16	@ Phenytoin	57-41-0	43	16
Pesticide/fertilizer contamination--mixture 2	PESTFERTMIX2	39	16	(Listed As: 5,5-Diphenylhydantoin (phenytoin))			
Pesticide/fertilizer contamination--mixture 3	PESTFERTMIX3	39	16	@ Phorbol myristate acetate (Listed As: Tetradecanoyl phorbol acetate (TPA))	16561-29-8	54	*
@ PETA	3524-68-3	36	16	Phosphamidon	13171-21-6	46	16
(Listed As: Pentaerythritol triacrylate)				Phosphine	7803-51-2	54	*
@ PETA	3524-68-3	36	16	Photodieldrin	13366-73-9	46	16
(Listed As: Pentaerythritol triacrylate)				ortho-Phthalaldehyde	643-79-8	39	16
@ PFDA	335-76-2	34	6	Phthalamide	88-96-0	46	16
(Listed As: Perfluorodecanoic Acid)				Phthalic anhydride	85-44-9	46	16
@ PFNA	375-95-1	34	6	Picloram	1918-02-1	46	16
(Listed As: Perfluorononanoic Acid)				beta-Picoline	108-99-6	47	16
@ PGTBE	57018-52-7	47	16	Piperonyl butoxide	51-03-6	47	16
(Listed As: Propylene glycol mono-t-butyl ether)				Piperonyl sulfoxide	120-62-7	47	16
Phenazopyridine hydrochloride	136-40-3	46	16	Pivalolactone	1955-45-9	47	16
Phenesterin	3546-10-9	46	16	Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	47	16
Phenformin hydrochloride	834-28-6	46	16	Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	47	16
Phenobarbital	50-06-6	54	*	Polysorbate 80 (glycol)	9005-65-6	47	16
Phenol	108-95-2	46	16	Polyurethane	9009-54-5	50	17
Phenolic Benzotriazoles (2-(2H-Benzotriazol-2-yl)phenol)	10096-91-0	33	5	Polyvinyl alcohol	9002-89-5	47	16
Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)phenol)	25973-55-1	33	5	Prednisone	53-03-2	50	17
Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol)	70321-86-7	33	5	Pregnancy Rate Comparison Study	PREGRATECOMP	54	*
Phenolic Benzotriazoles (2-(5-Chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)phenol)	3864-99-1	33	5	Prevention 1 (Melatonin)	73-31-4	54	*
Phenolic Benzotriazoles (Bumetrizole)	3896-11-5	33	5	Prevention 2 (Melatonin)	73-31-4	54	*
Phenolphthalein	77-09-8	39	16	Prevention 2 (Silymarin)	65666-07-1	54	*
Phenolphthalein	77-09-8	46	16	Prevention 2 (Silymarin + melatonin)	SILYMARN+MEL	54	*
@ Phenolphthalein (Transgenic model evaluation)	77-09-8	56	*	Prevention 3 (Melatonin)	73-31-4	54	*
(Listed As: Transgenic model evaluation (Phenolphthalein))				Prevention 6 (low isoflavone soy protein powder)	ISOFLAVSOYPT	54	*
				Prevention 4 (Curcumin)	458-37-7	54	*
				Prevention 7 (feed controls)	PREVENTION7	54	*
				Prevention 1 (Flaxseed oil)	8001-26-1	54	*
				Prevention 1 (Flaxseed oil + melatonin)	FLAXSEED+MEL	54	*
				Prevention 4 (Indole-3-carbinol)	700-06-1	54	*
				Prevention 6 (isoflavone concentrate)	ISOFLAVCONCN	54	*
				Prevention 4 (Melatonin)	73-31-4	54	*
				Prevention 5 (Melatonin)	73-31-4	54	*

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Prevention 4 (Melatonin + curcumin)	MEL+CURCUMIN	54	*	@ Red 23, C.I. Pigment (Listed As: C.I. Pigment Red 23)	6471-49-4	42	16
Prevention 4 (Melatonin + indole-3-carbinol)	MEL+INDOLCAR	54	*	@ Red 3, C.I. Pigment (Listed As: C.I. Pigment Red 3)	2425-85-6	42	16
Prevention 10 (Soy isoflavone concentrate)	PREVENTION10	54	*	@ Red Dog Mine Ore (Alaska) (Listed As: Lead ores)	LEADORES	53	*
Primidone (primaclone)	125-33-7	47	16	@ Red 3, HC (Listed As: HC Red 3)	2871-01-4	44	16
Probenecid	57-66-9	47	16	@ Red No. 9, D&C (Listed As: D&C Red No. 9)	5160-02-1	42	16
Procarbazine hydrochloride	366-70-1	50	17	Reserpine	50-55-5	47	16
Procarbazine hydrochloride	366-70-1	47	16	Reserpine	50-55-5	54	*
Proflavin hydrochloride	952-23-8	47	16	Resorcinol	108-46-3	47	16
Promethazine hydrochloride	58-33-3	39	16	@ Resorcinol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Resorcinol))	108-46-3	56	*
Promethazine hydrochloride	58-33-3	47	16	@ Resorcinol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Resorcinol))	108-46-3	56	*
Propantheline bromide	50-34-0	54	*	Resveratrol	501-36-0	34	8
Propargyl alcohol	107-19-7	47	16	Retinoid project 2 (4-(Hydroxyphenyl)retinamide)	65646-68-6	54	*
Propylene	115-07-1	47	16	Retinoid project 1	RETINOID1	54	*
@ Propylene dichloride (Listed As: 1,2-Dichloropropane (propylene dichloride))	78-87-5	43	16	Retinoid project 3 (Retinol acetate)	127-47-9	54	*
Propylene glycol mono-t-butyl ether	57018-52-7	47	16	Retinoid project 4 (4-(Hydroxyphenyl)retinamide)	65646-68-6	54	*
Propylene glycol phenyl ether	770-35-4	33	5	Retinoid project 5 (4-(Hydroxyphenyl)retinamide)	65646-68-6	54	*
1,2-Propylene oxide	75-56-9	47	16	Retinoid project 6 (Arotinoid)	125533-88-2	54	*
Propyl gallate	121-79-9	47	16	Retinoid project 3 (Arotinoid)	125533-88-2	54	*
Propyl-4-hydroxybenzoate	94-13-3	32	2	Retinoid project 5 (Arotinoid)	125533-88-2	54	*
Pulegone	89-82-7	33	5	Retinoid project 6 (4-HPR)	65646-68-6	54	*
Pulegone	89-82-7	47	16	All-trans-retinyl palmitate	79-81-2	47	16
Pyrazinamide	98-96-4	47	16	Retroviral vectors	RETROVIRVECT	54	*
Pyridine	110-86-1	54	*	Retroviral vectors	RETROVIRVECT	54	*
Pyridine	110-86-1	47	16	Retroviral vectors	RETROVIRVECT	54	*
Pyridine	110-86-1	47	16	Retroviral vectors	RETROVIRVECT	54	*
2,5-Pyridinedicarboxylic Acid, Dipropyl Ester	136-45-8	54	*	Rhodamine 6G	989-38-8	47	16
@ Pyridine (Transgenic LECM) (Listed As: Transgenic LECM (Pyridine))	110-86-1	55	*	@ Rhothane (TDE) (Listed As: Tetrachlorodiphenylethane)	72-54-8	48	16
@ Pyridine (Transgenic LECM) (Listed As: Transgenic LECM (Pyridine))	110-86-1	55	*	Riddelliine	23246-96-0	39	16
Pyrilamine	91-84-9	47	16	Riddelliine	23246-96-0	47	16
Pyrimethamine	58-14-0	47	16	@ Ritalin hydrochloride (Listed As: Methylphenidate hydrochloride)	298-59-9	38	16
Pyrogallol	87-66-1	47	16	@ Ritalin hydrochloride (Listed As: Methylphenidate hydrochloride)	298-59-9	45	16
QT drugs (bepidil hydrochloride)	74764-40-2	54	*	Rotenone	83-79-4	50	17
QT drugs (diltiazem hydrochloride)	33286-22-5	54	*	Rotenone	83-79-4	47	16
QT drugs (Loratadine)	79794-75-5	54	*	@ Rotenone (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Rotenone))	83-79-4	56	*
QT drugs (Lovastatin)	75330-75-5	54	*				
QT drugs (sotalol hydrochloride)	959-24-0	54	*				
QT drugs (terfenadine)	50679-08-8	54	*				
Quercetin	117-39-5	47	16				
Rat feed study (TGMX rat liver evaluation)	TGMXRALVFEED	54	*				
@ Red 114, C.I. Acid (Listed As: C.I. Acid Red 114)	6459-94-5	42	16				
@ Red 14, C.I. Acid (Listed As: C.I. Acid Red 14)	3567-69-9	42	16				
@ Red 9, C.I. Acid (Listed As: C.I. Basic Red 9 Monohydrochloride)	569-61-9	42	16				

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@ Rotenone (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Rotenone))	83-79-4	56	*	@ Sodium chlorate (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Sodium chlorate))	7775-09-9	49	16
@ Roundup® (Listed As: Glyphosate)	1071-83-6	38	16	Sodium cyanide	143-33-9		16
@ Roundup® (Listed As: Glyphosate)	1071-83-6	38	16	Sodium dichromate dihydrate (VI)	7789-12-0	47	16
Roxarsone	121-19-7	47	16	Sodium dichromate dihydrate (VI)	7789-12-0	39	16
Safflower oil	8001-23-8	47	16	Sodium diethyldithiocarbamate	148-18-5	47	16
Salicylazosulfapyridine	599-79-1	39	16	Sodium Fluoride	7681-49-4	47	16
Salicylazosulfapyridine	599-79-1	47	16	Sodium Fluoride	7681-49-4	50	17
@ Salicylic acid (alpha/beta Hydroxy acids) (Listed As: alpha/beta Hydroxy acids (glycolic acid, salicylic acid))	HYDROXGLYSAL	40	16	Sodium Metavanadate	13718-26-8	33	5
Scopolamine hydrobromide trihydrate	6533-68-2	39	16	Sodium nitrite	7632-00-0	39	16
Scopolamine hydrobromide trihydrate	6533-68-2	54	*	Sodium nitrite	7632-00-0	47	16
Scopolamine hydrobromide trihydrate	6533-68-2	47	16	Sodium selenate	13410-01-0	39	16
@ Selenate, Sodium (Listed As: Sodium selenate)	13410-01-0	39	16	Sodium selenite	10102-18-8	39	16
@ Selenite, Sodium (Listed As: Sodium selenite)	10102-18-8	39	16	Sodium thioglycolate	367-51-1	39	16
Selenium sulfide	7446-34-6	47	16	Sodium Tungstate Dihydrate	10213-10-2	35	10
Selenium sulfide	7446-34-6	47	16	Sodium xylenesulfonate	1300-72-7	39	16
Selsun	EMTDP-74	47	16	Sodium xylenesulfonate	1300-72-7	47	16
Senna (powdered)	8013-11-4	39	16	@ Spy Dust (Listed As: 5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD))	2608-48-2	53	*
Senna (powdered)	8013-11-4	39	16	@ Spy Dust (Listed As: 5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD))	2608-48-2	53	*
Serotype 5 Adeno-associated Viral Vector (rAAV5SCTLA4:Ig)	RAV5SCTLA4IG	35	14	Stachybotrys chartarum	67892-26-6	32	3
Serotype 2 Adeno-associated Viral Vector rAAV2rapahEpo	AAVIRAAVHEPO	35	14	Stachybotrys chartarum strain 1 mold (macrocyclic trichothecene chemotype)	STACHYSTRN1	32	3
Serotype 2 Adeno-associated Viral Vector hAQP1 (rAAV2hAQP1)	AAV2HAQP1	35	12	Stachybotrys chartarum strain 2 mold (atranone chemotype)	STACHYSTRN2	32	3
Silica, crystalline - quartz	14808-60-7	54	*	Stannous chloride	7772-99-8	47	16
Silica, crystalline - quartz	14808-60-7	54	*	Stoddard solvent (type LIC)	64742-88-7	47	16
Silica, crystalline - quartz	14808-60-7	54	*	Streptozotocin	18883-66-4	50	17
@ Silymarin + melatonin (Prevention 2) (Listed As: Prevention 2 (Silymarin + melatonin))	SILYMARN+MEL	54	*	Styrene	100-42-5	47	16
@ SILYMARIN (PREVENTION 2) (Listed As: Prevention 2 (Silymarin))	65666-07-1	54	*	Styrene	100-42-5	54	*
Simazine	122-34-9	54	*	Styrene-acrylonitrile trimer	SANTRIMER2	47	16
Sodium azide	26628-22-8	47	16	Styrene oxide	96-09-3	50	17
@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	36	16	Succinic anhydride	108-30-5	47	16
@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	36	16	Sulfallate	95-06-7	47	16
@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	36	16	Sulfamethazine	57-68-1	47	16
				Sulfamethazine	57-68-1	47	16
				Sulfisoxazole	127-69-5	47	16
				Sulfolane	126-33-0	34	6
				Sulfolane	126-33-0	34	8
				3-Sulfolene	77-79-2	47	16
				4,4'-Sulfonyldianiline (Dapsone)	80-08-0	47	16
				@ Sunett (Listed As: Transgenic Model Evaluation II (Acesulfame Potassium))	55589-62-3	36	16
				Talc	14807-96-6	47	16
				Tara gum	39300-88-4	47	16
				@ TBA (Listed As: tert-Butyl alcohol)	75-65-0	41	16
				@ TBA (Listed As: tert-Butyl alcohol)	75-65-0	37	16

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Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ TBBC (Listed As: 4,4-Thiobis(6-tert-butyl-m-cresol))	96-69-5	54	*	@ TCPP (Listed As: Tris(Chloropropyl)phosphate)	13674-84-5	34	5
@ TBBC (Listed As: 4,4-Thiobis(6-tert-butyl-m-cresol))	96-69-5	48	16	@ TCPP (Listed As: Tris(Chloropropyl)phosphate)	13674-84-5	34	8
@ TBDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	51	*	Tebufenpyrad	119168-77-3	54	*
@ TBDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	32	2	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153)	TEFBINARYMIX	47	16
@ TBE (Listed As: Halogenated ethanes CS (1,1,2,2-Tetrabromoethane))	79-27-6	38	16	Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran))	57117-31-4	47	16
@ TCAB (Listed As: 3,3',4,4'-Tetrachloroazobenzene)	14047-09-7	54	*	Toxic equivalency factor evaluation (PCB 118)	31508-00-6	47	16
@ TCAB (Listed As: 3,3',4,4'-Tetrachloroazobenzene)	14047-09-7	39	16	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/PCB 118)	TEFPCEMIX	47	16
@ TCAB (Listed As: 3,3',4,4'-Tetrachloroazobenzene)	14047-09-7	39	16	TEF transgenics (PCB 126)	57465-28-8	54	*
@ TCAB (Listed As: 3,3',4,4'-Tetrachloroazobenzene)	14047-09-7	48	16	TEF transgenics (PCB 126 / PECDF mixture)	TEFTGMIXTURE	54	*
@ TCAB (Listed As: 3,3',4,4'-Tetrachloroazobenzene)	14047-09-7	33	5	TEF transgenics (PECDF)	57117-31-4	54	*
@ TCAOB (Listed As: 3,3',4,4'-Tetrachloroazoxybenzene)	21232-47-3	39	16	TEF transgenics (TCDD)	1746-01-6	54	*
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin))	1746-01-6	56	*	@ TELONE II (Listed As: 1,3-Dichloropropene (Telone II))	542-75-6	43	16
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin))	1746-01-6	56	*	@ TEMIK (Listed As: Aldicarb)	116-06-3	40	16
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin))	1746-01-6	56	*	2-ethylhexyl-2,3,4,5-tetrabromobenzoate	183658-27-7	33	5
@ TCDD (TEF transgenics) (Listed As: TEF transgenics (TCDD))	1746-01-6	54	*	Tetrabromobisphenol A	79-94-7	54	*
@ TCDD (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (TCDD))	1746-01-6	47	16	Tetrabromobisphenol A	79-94-7	33	5
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	56	*	Tetrabromobisphenol A	79-94-7	47	16
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	32	2	Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	21850-44-2	32	3
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	56	*	Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	21850-44-2	35	12
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	48	16	2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	54	*
				2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	32	2
				2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	54	*
				2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	33	5
				@ 1,1,1,2-Tetrabromoethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1,2-Tetrabromoethane))	630-16-0	38	16
				Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	33	5
				@ 1,1,1,2-Tetrachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1,2-Tetrachloroethane))	630-20-6	38	16
				3,3',4,4'-Tetrachloroazobenzene	14047-09-7	54	*
				3,3',4,4'-Tetrachloroazobenzene	14047-09-7	39	16
				3,3',4,4'-Tetrachloroazobenzene	14047-09-7	39	16
				3,3',4,4'-Tetrachloroazobenzene	14047-09-7	48	16
				3,3',4,4'-Tetrachloroazobenzene	14047-09-7	33	5

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
3,3',4,4'-Tetrachloroazoxybenzene	21232-47-3	39	16	@ TGMX rat liver evaluation) (Methyleugenol)	93-15-2	53	*
1,2,4,5-Tetrachlorobenzene	95-94-3	39	16	(Listed As: Methyleugenol (TGMX rat liver evaluation))			
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	48	16	@ TGMX rat liver evaluation (N-Nitrosodimethylamine)	62-75-9	53	*
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	48	16	(Listed As: N-Nitrosodimethylamine (TGMX rat liver evaluation))			
Tetrachlorodiphenylethane	72-54-8	48	16	Theophylline	58-55-9	39	16
1,1,1,2-Tetrachloroethane	630-20-6	48	16	Theophylline	58-55-9	39	16
1,1,2,2-Tetrachloroethane	79-34-5	48	16	Theophylline	58-55-9	48	16
1,1,2,2-Tetrachloroethane	79-34-5	39	16	4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5	54	*
1,1,2,2-Tetrachloroethane	79-34-5	54	*	4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5	48	16
1,1,2,2-Tetrachloroethane	79-34-5	39	16	4,4'-Thiodianiline	139-65-1	48	16
@ 1,1,2,2-Tetrachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,2,2-Tetrachloroethane))	79-34-5	38	16	beta-Thioguanidine deoxyriboside	789-61-7	48	16
Tetrachloroethylene	127-18-4	48	16	Thiophene	110-02-1	54	*
Tetrachloroethylene	127-18-4	48	16	@ thio-TEPA	52-24-4	48	16
2,3,5,6-Tetrachloro-4-nitroanisole	2438-88-2	48	16	(Listed As: tris(Aziridinyl)-phosphine sulfide (Thio-TEPA))			
Tetrachlorophthalic anhydride	117-08-8	39	16	@ THPC	124-64-1	48	16
Tetrachlorvinphos	961-11-5	48	16	(Listed As: Tetrakis(hydroxymethyl)phosphonium chloride)			
Tetracycline hydrochloride	64-75-5	48	16	@ THPS	55566-30-8	48	16
Tetradecanoyl phorbol acetate (TPA)	16561-29-8	54	*	(Listed As: Tetrakis(hydroxymethyl)phosphonium sulfate)			
@ Tetradecanoylphorbol acetate (TPA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	44	16	alpha-Thujone	546-80-5	39	16
@ Tetradecanoylphorbol acetate (TPA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	44	16	alpha/beta Thujone mixture	76231-76-0	33	5
@ Tetradecanoylphorbol acetate (TPA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	44	16	alpha/beta Thujone mixture	76231-76-0	39	16
@ Tetradecanoylphorbol acetate (TPA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	44	16	alpha/beta Thujone mixture	76231-76-0	48	16
@ Tetradecanoyl phorbol acetate (TPA) (Transgenic LECM) (Listed As: Transgenic LECM (Tetradecanoyl phorbol acetate (TPA)))	16561-29-8	55	*	Titanium dioxide	13463-67-7	48	16
Tetraethylthiuram disulfide	97-77-8	48	16	Titanocene dichloride	1271-19-8	48	16
Tetrafluoroethylene	116-14-3	39	16	@ TMPTA	15625-89-5	36	16
Tetrafluoroethylene	116-14-3	48	16	(Listed As: Trimethylolpropane triacrylate)			
1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	39	16	@ TMPTA	15625-89-5	36	16
1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	48	16	(Listed As: Trimethylolpropane triacrylate)			
Tetrahydrofuran	109-99-9	54	*	@ TMPTA	15625-89-5	48	16
Tetrahydrofuran	109-99-9	39	16	(Listed As: Trimethylolpropane triacrylate)			
Tetrahydrofuran	109-99-9	48	16	D-alpha-Tocopheryl acetate	58-95-7	54	*
Tetrakis(hydroxymethyl)phosphonium chloride	124-64-1	48	16	Tolazamide	1156-19-0	48	16
Tetrakis(hydroxymethyl)phosphonium sulfate	55566-30-8	48	16	Tolbutamide	64-77-7	48	16
Tetralin	119-64-2	48	16	Toluene	108-88-3	48	16
Tetranitromethane	509-14-8	48	16	Toluene	108-88-3	39	16
				2,6-Toluenediamine dihydrochloride (2,6-diaminotoluene dihydrochloride)	15481-70-6	48	16
				2,5-Toluenediamine sulfate	6369-59-1	48	16
				2,4- & 2,6-Toluene diisocyanate	26471-62-5	48	16
				p-Toluenesulfonamide	70-55-3	39	16
				o-Toluidine hydrochloride	636-21-5	48	16
				o-Toluidine hydrochloride	636-21-5	39	16
				p-Toluidine	106-49-0	35	10
				p-Tolylurea	622-51-5	50	17
				Toxaphene	8001-35-2	48	16
				Toxic equivalency factor evaluation (Dioxin mixture)	TEFDIOXINMIX	48	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Toxic equivalency factor evaluation (PCB 153- 2,2'-4,4',5,5'-hexachlorobiphenyl)	35065-27-1	48	16	Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	55	*
Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl)	57465-28-8	48	16	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	55	*
Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX)	TGMXFLAVCLAS	55	*	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	55	*
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	55	*	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	55	*
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	55	*	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	55	*
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	55	*	Transgenic model evaluation (Ethinyl estradiol)	57-63-6	55	*
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	55	*	Transgenic model evaluation (Ethinyl estradiol)	57-63-6	55	*
Transgenic LECM (Furfuryl alcohol)	98-00-0	55	*	Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	55	*
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	55	*	Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	55	*
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	55	*	Transgenic Model Evaluation II (Acesulfame Potassium)	55589-62-3	36	16
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	55	*	Transgenic model evaluation II (Aspartame)	22839-47-0	36	16
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	55	*	Transgenic model evaluation II (Aspartame)	22839-47-0	36	16
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	55	*	Transgenic model evaluation II (Benzene)	71-43-2	36	16
Transgenic LECM (Pentachlorophenol)	87-86-5	55	*	Transgenic model evaluation II (Glycidol)	556-52-5	36	16
Transgenic LECM (Pentachlorophenol)	87-86-5	55	*	Transgenic model evaluation II (Phenolphthalein)	77-09-8	36	16
Transgenic LECM (Pyridine)	110-86-1	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LECM (Pyridine)	110-86-1	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LECM (Tetradecanoyl phorbol acetate (TPA))	16561-29-8	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LEP (p-Anisidine hydrochloride)	20265-97-8	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LEP (Cyclosporin A)	59865-13-3	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LEP (Melphalan)	148-82-3	55	*	Transgenic model evaluation (Melphalan)	148-82-3	55	*
Transgenic LEP (p-Cresidine)	120-71-8	55	*	Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	55	*
Transgenic LEP (Resorcinol)	108-46-3	55	*	Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	56	*
Transgenic LEP (Vinyl carbamate)	15805-73-9	55	*	Transgenic model evaluation (Methylphenidate hydrochloride)	298-59-9	56	*
Transgenic model evaluation (p-Anisidine HCl)	20265-97-8	55	*	Transgenic model evaluation (Phenolphthalein)	77-09-8	56	*
Transgenic model evaluation (Bromodichloromethane)	75-27-4	55	*	Transgenic model evaluation (Resorcinol)	108-46-3	56	*
Transgenic model evaluation (Bromodichloromethane)	75-27-4	55	*	Transgenic model evaluation (Resorcinol)	108-46-3	56	*
Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	55	*	Transgenic model evaluation (Rotenone)	83-79-4	56	*
Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	55	*	Transgenic model evaluation (Rotenone)	83-79-4	56	*
Transgenic model evaluation (Cyclosporin A)	59865-13-3	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (Cyclosporin A)	59865-13-3	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (DES)	56-53-1	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (DES)	56-53-1	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (DES)	56-53-1	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (DES)	56-53-1	55	*	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*
Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	55	*				

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	56	*	Trimethylolpropane triacrylate	15625-89-5	36	16
Transgenic model evaluation (WY-14643)	50892-23-4	56	*	Trimethylolpropane triacrylate	15625-89-5	48	16
Transgenic model evaluation (WY-14643)	50892-23-4	56	*	Trimethylphosphate	512-56-1	48	16
Transgenic LECM (diethanolamine)	111-42-2	56	*	Trimethylsilyldiazomethane (TMSD)	18107-18-1	33	5
Tremolite	14567-73-8	48	16	Trimethylthiourea	2489-77-2	48	16
Triamterene	396-01-0	56	*	2,4,7-Trinitro-fluoren-9-one	129-79-3	39	16
Triamterene	396-01-0	48	16	2,4,7-Trinitro-fluoren-9-one	129-79-3	39	16
Tribromomethane	75-25-2	48	16	Tripelennamine hydrochloride	154-69-8	56	*
Tricaprylin	538-23-8	48	16	Triphenyl Phosphate	115-86-6	56	*
Trichlorfon	52-68-6	56	*	Triphenyl Phosphate	115-86-6	34	5
1,1,1-Trichloroethane	71-55-6	48	16	Triphenyltin hydroxide	76-87-9	48	16
1,1,1-Trichloroethane	71-55-6	39	16	Tripolidine	486-12-4	48	16
1,1,2-Trichloroethane	79-00-5	48	16	tris(Aziridinyl)-phosphine sulfide (Thio-TEPA)	52-24-4	48	16
@ 1,1,1-Trichloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1- Trichloroethane))	71-55-6	38	16	Tris(2-Chloroethyl) Phosphate	115-96-8	48	16
Trichloroethylene	79-01-6	48	16	Tris(Chloropropyl)phosphate	13674-84-5	34	5
Trichloroethylene	79-01-6	48	16	Tris(Chloropropyl)phosphate	13674-84-5	34	8
Trichloroethylene	79-01-6	48	16	tris(2,3-Dibromopropyl) phosphate	126-72-7	48	16
Trichloroethylene	79-01-6	48	16	tris(2-Ethylhexyl)phosphate	78-42-2	48	16
Trichloroethylene	79-01-6	56	*	Trisodium ethylenediaminetetraacetate trihydrate (EDTA)	150-38-9	49	16
Trichloroethylene	79-01-6	56	*	L-Tryptophan	73-22-3	49	16
Trichlorofluoromethane	75-69-4	48	16	Turmeric, oleoresin (curcumin)	8024-37-1	49	16
2,4,6-Trichlorophenol	88-06-2	48	16	Uracil mustard	66-75-1	50	17
1,2,3-Trichloropropane	96-18-4	56	*	Urethane	51-79-6	39	16
1,2,3-Trichloropropane	96-18-4	48	16	Urethane	51-79-6	49	16
@ 1,1,1-Trichloro-2,2,2- trifluoroethane(Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1-Trichloro- 2,2,2-trifluoroethane))	354-58-5	38	16	Urethane + ethanol (combination)	URETHCOMB	39	16
Triclocarban	101-20-2	32	3	Urethane + ethanol (combination)	URETHCOMB	49	16
Triclosan	3380-34-5	56	*	Usnea Lichen	USNEALICHEN	34	6
Triclosan	3380-34-5	35	13	(+)-Usnic Acid	7562-61-0	34	6
Triclosan	3380-34-5	33	5	Valerian (Valeriana officinalis L.) root extract	8057-49-6	34	5
Tricresyl Phosphate	1330-78-5	56	*	Vanadium pentoxide	1314-62-1	39	16
Tricresyl Phosphate	1330-78-5	32	2	Vanadium pentoxide	1314-62-1	49	16
Tricresyl Phosphate	1330-78-5	56	*	Vanadyl sulfate	27774-13-6	34	5
Tricresyl Phosphate	1330-78-5	48	16	Vinblastine	865-21-4	50	17
Triethanolamine	102-71-6	56	*	Vincamine	1617-90-9	56	*
Triethanolamine	102-71-6	56	*	Vinclozolin	50471-44-8	56	*
Triethanolamine	102-71-6	56	*	Vincristine	57-22-7	50	17
Triethanolamine	102-71-6	48	16	4-Vinylcyclohexene	100-40-3	49	16
Triethanolamine	102-71-6	48	16	4-Vinyl-1-cyclohexene diepoxide	106-87-6	49	16
Triethylamine	121-44-8	12	12	Vinylidene Chloride	75-35-4	49	16
Trifluralin	1582-09-8	48	16	Vinylidene Chloride	75-35-4	49	16
Trimellitic anhydride	552-30-7	56	*	Vinylidene fluoride	75-38-7	56	*
Trimellitic anhydride	552-30-7	56	*	Vinyl toluene	25013-15-4	49	16
2,4,5-Trimethylaniline	137-17-7	48	16	@ Vitamin C (Listed As: L-Ascorbic acid)	50-81-7	40	16
1,2,4-trimethylbenzene	95-63-6	33	5	@ Vitamin E Acetate (Listed As: D-alpha-Tocopheryl acetate)	58-95-7	54	*
Trimethylolpropane triacrylate	15625-89-5	36	16	Water Damaged Building Mold Mixture	H2ODAMAGEMLD	32	3
				Water disinfection byproducts (Bromochloroacetic acid)	5589-96-8	49	16
				Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	34	5

@ Denotes common names--see following line for correct name.

* See Appendix, Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

Alphabetical Index of Chemicals with Reference Location				Alphabetical Index of Chemicals with Reference Location			
CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	56	*	@ Yellow 3, C.I. Disperse (Listed As: C.I. Disperse Yellow 3)	2832-40-8	42	16
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	49	16	@ Yellow 14, C.I. Solvent (Listed As: C.I. Solvent Yellow 14)	842-07-9	42	16
Water disinfection byproducts (Bromodichloromethane)	75-27-4	56	*	@ Yellow 4, C.I. Vat (Listed As: C.I. Vat Yellow 4)	128-66-5	42	16
Water disinfection byproducts (Bromodichloromethane)	75-27-4	49	16	@ Yellow 4, HC (Listed As: HC Yellow 4)	59820-43-8	44	16
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	56	*	@ Yellow No. 11, D & C (Listed As: D&C Yellow No. 11)	8003-22-3	37	16
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	49	16	@ Yellow No. 11, D & C (Listed As: D&C Yellow No. 11)	8003-22-3	42	16
Water disinfection byproducts (Dibromoacetonitrile)	3252-43-5	49	16	@ Yellow No. 6, FD & C (Listed As: FD & C Yellow No. 6)	2783-94-0	44	16
Water disinfection byproducts (Dichloroacetic acid)	79-43-6	56	*	Zearalenone	17924-92-4	49	16
Water disinfection byproducts (Sodium chlorate)	7775-09-9	49	16	Zinc Carbonate, Basic	5263-02-5	35	14
Water disinfection model (Bromodichloromethane)	75-27-4	36	16	Ziram	137-30-4	49	16
Water disinfection model (Bromodichloromethane)	75-27-4	36	16				
Water disinfection model (Bromodichloromethane)	75-27-4	36	16				
Water disinfection model (Bromodichloromethane)	75-27-4	36	16				
Water disinfection model (Bromodichloromethane)	75-27-4	36	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	36	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	36	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	36	16				
Water disinfection model (Sodium bromate)	7789-38-0	36	16				
Water disinfection model (Sodium bromate)	7789-38-0	36	16				
Water disinfection model (Sodium bromate)	7789-38-0	36	16				
Welding fumes	STEELWELDFUM	56	*				
@ West Fork Mine Ore (Missouri) (Listed As: Lead ores)	LEADORES	53	*				
Wollastonite calcium silicates	13983-17-0	50	17				
@ WY-14643 (Peroxisome project) (Listed As: Peroxisome project (WY-14643))	50892-23-4	39	16				
@ WY-14643 (Transgenic model evaluation) (Listed As: Transgenic model evaluation (WY-14643))	50892-23-4	56	*				
@ WY-14643 (Transgenic model evaluation) (Listed As: Transgenic model evaluation (WY-14643))	50892-23-4	56	*				
Wyeth 14,643 (WY)	50892-23-4	35	12				
Wyeth 14,643 (WY)	50892-23-4	56	*				
Xylenes (mixed)	1330-20-7	49	16				
2,6-Xylidine	87-62-7	49	16				
@ Yellow 12, C.I. Pigment (Listed As: Diarylanilide yellow)	6358-85-6	42	16				

@ Denotes common names--see following line for correct name.

* See Appendix, Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

Ref No. 2

Chemicals with Project Leader Assigned/Study in Design

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
Aluminum fluoride	7784-18-1	ENVH/SYN
Annatto	1393-63-1	COSM/NATL
Artificial Butter Flavoring Mixture	BUTTERFLAVMX	SYN
BDE Toxicogenomics Study (TGMX)	TGMXBDECLASS	
tert-Butylphenyl Diphenyl Phosphate	56803-37-3	
bis(2-Chloroethoxy)methane	111-91-1	SOLV/SYN
Deoxynivalenol	51481-10-8	COMT/NATL
2,6-Diaminopyridine	141-86-6	INTR/SYN
3-(Dimethylamino)propylamine	109-55-7	DTRG/SYN
Dong quai (Angelica sinensis root extract)	299184-76-2	DIET
2-Ethylhexyl Diphenyl Phosphate	1241-94-7	
2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	68631-49-2	FLAM/SYN
Isodecyl Diphenyl Phosphate	29761-21-5	PLAS
Microcystin LR	101043-37-2	ENVH/NATL
Naturally occurring asbestos and related mineral fibers	ASBESTOSFIB	ELEC/N/S
2,2',4,4',5-Pentabromodiphenyl Ether	60348-60-9	ENVH/SYN
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN
Propyl-4-hydroxybenzoate	94-13-3	FOOD/SYN
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	ENVH/SYN
Tricresyl Phosphate	1330-78-5	FLAM/SYN

Ref No. 3

Chemicals Approved for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
Acetaminophen (4-hydroxyacetanilide)	103-90-2	DYE/SYN
Alternaria alternata mold	ALTERNARIA	NATL/NATL
N-Butylbenzenesulfonamide	3622-84-2	PLAS/SYN
Cylindrospermopsin	143545-90-8	ENVH/NATL
Damp Building Mold Mixture	DAMPBLDGMOLD	NATL/NATL
Fluorotelomer Alcohol 8+2	678-39-7	SYN
Nanoscale Material (Fullerene C60 18 microns)	99685-96-8	NANO/N/S
Nanoscale Material (Fullerene C60 200 nanometers)	99685-96-8	NANO
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN
Stachybotrys chartarum	67892-26-6	NATL
Stachybotrys chartarum strain 1 mold (macrocyclic trichothecene chemotype)	STACHYSTRN1	NATL/NATL
Stachybotrys chartarum strain 2 mold (atranone chemotype)	STACHYSTRN2	NATL/NATL
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	21850-44-2	FLAM/SYN
Triclocarban	101-20-2	PEST/SYN
Water Damaged Building Mold Mixture	H2ODAMAGEMLD	NATL/NATL

Ref No. 4

Chemicals Assigned to Laboratory for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Arsenic	7440-38-2	METL/NATL		MY RH HSD
Asbestos, amosite	12172-73-5	NSUL/NATL	INHAL	
Dipropylene glycol phenyl ether	51730-94-0	IND/SYN	GAV	HSD
2-ethyltoluene	611-14-3	LABC	INHAL	HSD M22
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	N/A	IV	M1
Libby Amphibole 2007	LA2007	MINL/NATL	INHAL	

Ref No. 5

Short-Term Exposure Studies in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPD	D*	SUBCHR
					START	START	
					DATE	DATE	
Acrylamide	79-06-1	COMT/SYN	GAV	HSD	04/17A		
Aflatoxin B1 (TGMX)	1162-65-8	LABC/NATL	FEED	R2			
Aloin	1415-73-2	NATL	WATER	RC			07/15A

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Ref No. 5

Short-Term Exposure Studies in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPD D* START DATE	SUBCHR START DATE
Phenolic Benzotriazoles (2-(2H-Benzotriazol-2-yl)-4-tert-butylphenol)	3147-76-0	ADHS	GAV	HSD	02/16A	
Bisphenol AF	1478-61-1		GAV	HSD	04/17A	
Bisphenol S	80-09-1	ADHS	FEED	M3	03/17A	
1,2-Bis(2,4,6-tribromophenoxy)ethane	37853-59-1	FLAM	GAV	HSDE	11/16A	
Brominated Vegetable Oil	8016-94-2			HSD		06/17A
N-Butylbenzenesulfonamide	3622-84-2	PLAS/SYN	FEED	M22	02/14A	
Coumarin	91-64-5	PHAR/NATL	GAV	HSD	04/17A	
Crude MCHM	CRUDEMCHM	IND/SYN	GAV	HSD	09/14A	
Crumb rubber various	CRUMBRUBBERVARIOUS	N/S/SYN		M22	02/17A	
Decabromodiphenyl Ether	1163-19-5	FLAM	GAV	HSDE	11/16A	
Di(2-ethylhexyl) Phthalate	117-81-7	PLAS/SYN	GAV	HSD	03/17A	
Dimethylamine Borane	74-94-2		DERMAL	HSD M22	01/14A	
2,2'-Dimorpholinodiethyl Ether	6425-39-4	IND/SYN	GAV	M22	04/16A	
Phenolic Benzotriazoles (Drometrizole)	2440-22-4	IND	GAV	HSD	02/16A	
1,2-bis(pentabromophenyl)ethane	84852-53-9	FLAM/SYN	GAV	HSDE	11/16A	
Ethinyl estradiol	57-63-6	PHAR/N/S	GAV	HSD	04/17A	
Fenofibrate	49562-28-9	PHAR/SYN	GAV	HSD	03/17A	
Furan	110-00-9	DTRG/N/S	GAV	HSD	07/17A	
Garcinia Cambogia Extract	90045-23-1	DIET/NATL	FEED	M22 HSD	04/14A	
Ginkgo biloba extract	90045-36-6	DIET/NATL	GAV	FSAS	12/15A	
Ginseng	50647-08-0	DIET/NATL	GAV	HSD	07/17A	
Goldenseal extract	84603-60-1	NATL/N/S	GAV	FSAS	12/15A	
Green Tea Extract	GREENTEAEXTR	DIET/NATL	GAV	FSAS	01/16A	
1,3,5,7,9,11-Hexabromocyclododecane	25637-99-4	FLAM	GAV	HSDE	11/16A	
Hexachlorobenzene	118-74-1	FUNG/SYN	GAV	HSD	04/17A	
Hexachlorocyclopentadienyl-dibromocyclooctane	51936-55-1	FLAM/SYN	GAV	HSDE	11/16A	
Phenolic Benzotriazoles (3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester)	84268-23-5	ADHS	GAV	HSD	01/16A	
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride	479500-35-1	LABC/SYN	WATER	HSD M22		08/13A
Ionic Liquid: N-Butylpyridinium Chloride	1124-64-7	ELEC/SYN	WATER	HSD M22		09/13A
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride	65039-09-0	IND/SYN	WATER	HSD M22		05/13A
Isopropylated Phenol Phosphate	68937-41-7	FLAM/SYN	FEED	M22	12/14A	
Melamine + Cyanuric Acid combination	MELCYANCOMB	ADHS/SYN	GAV	RC		07/11A
Melamine + Cyanuric Acid combination	MELCYANCOMB	ADHS/SYN	GAV	RC		10/15A
4-Methylcyclohexanemethanol	34885-03-5	IND/SYN	GAV	HSD	09/14A	
Methyleugenol	93-15-2	FOOD/NATL	GAV	HSD	04/17A	
Microbiome	MICROBIOME	NATL	N/A		07/15A	
Milk thistle extract	84604-20-6	DIET/NATL	GAV	HSD	07/17A	
Nanoscale Silver	7440-22-4	TBCO/NATL	GAV	44		09/11A
Phenolic Benzotriazoles (Octrizole)	3147-75-9	IND	GAV	HSD	01/16A	
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN	GAV	HSD	11/16A	
Perfluorohexane sulfonate potassium salt (PFHKSlt)	3871-99-6	PLAS/SYN	GAV	HSD	02/12A	
Perfluorooctanoic Acid	335-67-1	ELEC/SYN	GAV	HSD	04/17A	
Phenolic Benzotriazoles (2-(2H-Benzotriazol-2-yl)phenol)	10096-91-0	ADHS	GAV	HSD	01/16A	
Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)phenol)	25973-55-1	PEST	GAV	HSD	01/16A	
Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol)	70321-86-7	IND	GAV	HSD	01/16A	
Phenolic Benzotriazoles (2-(5-Chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)phenol)	3864-99-1	IND	GAV	HSD	01/16A	
Phenolic Benzotriazoles (Bumetrizole)	3896-11-5	IND	GAV	HSD	02/16A	
Propylene glycol phenyl ether	770-35-4	SOLV/SYN	GAV	HSD	09/14A	
Pulegone	89-82-7	DIET/N/S	GAV	HSD	03/17A	
Sodium Metavanadate	13718-26-8	COMT/SYN	WATER	M3 HSD	10/14A	01/16A
2-ethylhexyl-2,3,4,5-tetrabromobenzoate	183658-27-7	ENVH/SYN	GAV	HSDE	11/16A	
Tetrabromobisphenol A	79-94-7	FLAM	GAV	HSD	11/16A	
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	ENVH/SYN	GAV	HSDE	11/16A	
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	PLAS/SYN	GAV	HSDE	11/16A	
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	HSD	11/16A	
alpha/beta Thujone mixture	76231-76-0	COSM/NATL	GAV	HSD	07/17A	
Triclosan	3380-34-5	COSM/SYN	GAV	HSD	11/16A	
1,2,4-trimethylbenzene	95-63-6	DYE	INHAL	HSD M22		01/17A
Trimethylsilyldiazomethane (TMSD)	18107-18-1	REAG/SYN	INHAL	M3 HSD	10/15A	

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Ref No. 5

Short-Term Exposure Studies in Progress

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPD D*	SUBCHR START DATE	START DATE
Triphenyl Phosphate	115-86-6 FLAM/SYN	FEED	M22		02/15A	
Tris(Chloropropyl)phosphate	13674-84-5 PEST	GAV	HSD		03/17A	
Valerian (Valeriana officinalis L.) root extract	8057-49-6 DIET/NATL	GAV	M22			09/15A
Vanadyl sulfate	27774-13-6 DYE	WATER	M3 HSD		09/14A	04/16A
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7 ENVH/NATL	GAV	M22 HSD		04/17A	

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Ref No. 6

Short-Term Studies Completed: In Review for Further Evaluation

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPD D*	SUBCHR START DATE	START DATE
Aspergillus versicolor mold	ASPERGILLUSV NATL/NATL	INHAL	M22			
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride	79917-90-1 COSM/SYN	WATER	M22 HSD			04/13A
Perfluorobutane sulfonate (PFBS)	375-73-5 IND/SYN	GAV	HSD		01/12A	
Perfluorodecanoic Acid	335-76-2 IND/SYN	GAV	HSD		02/12A	
Perfluorohexanoic acid (PFHXA)	307-24-4 FDPK/SYN	GAV	HSD		01/12A	
Perfluorononanoic Acid	375-95-1 FDPK/SYN	GAV	HSD		02/12A	
Perfluorooctane Sulfonate	1763-23-1 SYN	GAV	HSD		01/12A	
Perfluorooctanoic Acid	335-67-1 ELEC/SYN	GAV	HSD		01/12A	
Sulfolane	126-33-0 ADHS	GAV	O6 HSD			01/14A
Usnea Lichen	USNEALICHEN DIET/NATL	FEED	RC MV		01/07A	02/09A
(+)-Usnic Acid	7562-61-0 NATL/NATL	FEED	RC MV		12/06A	08/08A

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Ref No. 7

Long-Term Exposure Studies in Progress

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	CHRONIC START DATE
1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020	INHAL	M22 HSD	06/16A

Ref No. 8

Long-Term Exposure Studies: Laboratory Study Report in Preparation

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES
alpha-Pinene	80-56-8 SOLV/SYN	INHAL	M3 HSD
Black Cohosh	84776-26-1 DIET/NATL	GAV	M3 HSD
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3 N/A	IV	M1
Resveratrol	501-36-0 CMOT/NATL	GAV	RE RD M3 HSD
Sulfolane	126-33-0 ADHS	WATER	M3 HSD
Tris(Chloropropyl)phosphate	13674-84-5 PEST	FEED	M3 HSD

Ref No. 10

Long-Term Exposure Studies: Pathology Quality Assessment in Progress

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES
Aging Cohort Study: 12951/SvImJ mouse	MOUSEPHENO1 N/A	N/A	MR
Aging Cohort Study: B6C3F1J mouse	MOUSEPHENO6 N/A	N/A	63
Aging Cohort Study: C3H/HeJ mouse	MOUSEPHENO3 N/A	N/A	M15
Aging Cohort Study: C57/BL/6J mouse	MOUSEPHENO4 N/A	N/A	MZ
Aging Cohort Study: CAST/EiJ mouse	MOUSEPHENO5 N/A	N/A	M11
Aging Cohort Study: NZO/HiLtJ mouse	MOUSEPHENO10 N/A	N/A	61
Aging Cohort Study: PWK/PhJ mouse	MOUSEPHENO8 N/A	N/A	62
Aging Cohort Study: WSB/EiJ mouse	MOUSEPHENO9 N/A	N/A	M14
Aging Cohort Study: A/J mouse	MOUSEPHENO2 N/A	N/A	MF
Aging Cohort Study: NOD. B10Sn-H2(b)/J	MOUSEPHENO7 N/A	N/A	60
Dibutyl Phthalate	84-74-2 FUNG/SYN	FEED	M3 HSD
Di(2-ethylhexyl) Phthalate	117-81-7 PLAS/SYN	FEED	HSD
Di(2-ethylhexyl) Phthalate	117-81-7 PLAS/SYN	FEED	HSD
N,N-Dimethyl-p-toluidine	99-97-8 INTR/SYN	GAV	RD M3
Perfluorooctanoic Acid	335-67-1 ELEC/SYN	FEED	HSD
Perfluorooctanoic Acid	335-67-1 ELEC/SYN	FEED	HSD

Ref No. 10

Long-Term Exposure Studies: Pathology Quality Assessment in Progress

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES
Sodium Tungstate Dihydrate	10213-10-2 FLAM/NATL	WATER	M3 HSD
p-Toluidine	106-49-0 INTR/SYN	GAV	RD

Ref No. 12

Short-Term Exposure Studies Scheduled for Peer Review

Short-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.
Bisphenol A	80-05-7 INTR/SYN	GAV	44	C10034 (3)
Chitosan	9012-76-4 DIET/NATL	FEED	R8	TOX-93
p-Chloro-a,a,a-trifluorotoluene	98-56-6 SYN	INHAL	M3 HSD	
Myristicin	607-91-0 FOOD/NATL	GAV	RD M3	
Nanoscale material (Fullerene-C60 1 micron)	99685-96-8 SYN	INHAL	RE M3	
Nanoscale material (Fullerene-C60 50 nanometers)	99685-96-8 SYN	INHAL	RE M3	
2,3-Pentanedione	600-14-6 FOOD/SYN	INHAL	RE M3	
Serotype 2 Adeno-associated Viral Vector hAQP1 (rAAV2hAQP1)	AAV2HAQP1	ID/CN	MW	
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	21850-44-2 FLAM/SYN	GAV	RD M3	TOX-85
Triethylamine	121-44-8 INTR/SYN	INHAL	R2 M3	
Wyeth 14,643 (WY)	50892-23-4 PHAR/SYN	GAV	HSD	

Ref No. 13

Long-Term Exposure Studies Scheduled for Peer Review

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.
AZT/Drug Combinations Transplacental/Neonatal Study	AIDSDRUGSNEO PHAR/SYN	GAV	MV M3	
Bisphenol A	80-05-7 INTR/SYN	GAV	44	C10034 (1)
Cell Phone Radiation: CDMA	CELLPRADCDMA N/A	WB	M22 HSDE	
Cell Phone Radiation: GSM	CELLPRADGSM N/A	WB	M22 HSDE	
2-Hydroxy-4-methoxybenzophenone	131-57-7 COSM/SYN	FEED	M3 HSD	
1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020	INHAL	M3 HSD	
Triclosan	3380-34-5 COSM/SYN	DERMAL	M3	

Ref No. 14

Post Peer Review Technical Reports in Progress

Short-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.
Abrasive Blasting Agents: Blasting Sand	BLASTINGSAND IND/NATL	INHAL	RD HSD	
Abrasive Blasting Agents: Specular Hematite	HEMATITESPEC IND/NATL	INHAL	RD HSD	
Acetoin	513-86-0 FOOD/N/S	INHAL	RE M3	
Cedarwood oil	8000-27-9 COSM/NATL	SP	R2 M3	TOX-86
o-Chloropyridine	109-09-1 COSM/SYN	WATER	R2 M3	TOX-83
Hexachlorobenzene	118-74-1 FUNG/SYN	GAV	HSD	
Indole-3-carbinol	700-06-1 DIET/N/S	GAV	R2 M22	TR-584
PCN 66/67 comparison study	PCNCOMPARISN SYN	GAV	R2 R8	HSD
Serotype 5 Adeno-associated Viral Vector (rAAV5SCTLA4:Ig)	RAV5SCTLA4IG N/A	ID/CN	MW	
Serotype 2 Adeno-associated Viral Vector rAAV2rapahEpo	AAVIRAAVHEPO NATL	ID/CN	MW	

Ref No. 14

Post Peer Review Technical Reports in Progress

Long-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	CARCINOGEN CODES
					MR FR MM FM**
2,3-Butanedione	431-03-8 FOOD/N/S	INHAL	RE M3		
p-Chloro-a,a,a-trifluorotoluene	98-56-6 SYN	INHAL	M3 HSD		
Zinc Carbonate, Basic	5263-02-5 NATL/NATL	FEED	HSD		

** MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of Carcinogen Codes

** The NCI and the NTP Technical Reports for the following chemicals are available from the National Technical Information Service (NTIS), Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, Phone: (703)

605-6000 or 1-800-553-6847 (rush orders only). Technical reports numbered 220 or higher may also be available from Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) . All requests containing checks, money orders, or purchase orders should be sent to NTIS.

Ref No. 16

Printed Long-Term and Short-Term Study Reports

Genetically Modified Model Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES				
						MR	FR	MM	FM**+	
Allyl bromide	106-95-6	COSM/SYN	GAV	MD M1	GMM-07					PB2008-109736
Allyl bromide	106-95-6	COSM/SYN	GAV	MI ME	GMM-07					PB2008-109736
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	R2 M3	GMM-09					PB2008-109738
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	ME	GMM-09					PB2008-109738
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	MD	GMM-09					PB2008-109738
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	ME	GMM-10					PB2008-109739
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	MD	GMM-10					PB2008-109739
Pentaerythritol triacrylate	3524-68-3	PLAS	SP	R2 M3	GMM-04					PB2006-105551
Pentaerythritol triacrylate	3524-68-3	PLAS	SP	ME	GMM-04					PB2006-105551
Transgenic Model Evaluation II (Acesulfame Potassium)	55589-62-3	FOOD	FEED	ME MD	GMM-02					PB2006-103440
Transgenic model evaluation II (Aspartame)	22839-47-0	FOOD/SYN	FEED	MD ME	GMM-01					PB2006-103430
Transgenic model evaluation II (Aspartame)	22839-47-0	FOOD/SYN	FEED	MQ	GMM-01					PB2006-103430
Transgenic model evaluation II (Benzene)	71-43-2	DYE/N/S	GAV	MQ	GMM-08					PB2008-109737
Transgenic model evaluation II (Glycidol)	556-52-5	COSM/SYN	GAV	MQ	GMM-13					PB2008-109742
Transgenic model evaluation II (Phenolphthalein)	77-09-8	DYE/SYN	FEED	MQ	GMM-12					PB2008-109741
Trimethylolpropane triacrylate	15625-89-5	ADHS	SP	R2 M3	GMM-03					PB2006-105550
Trimethylolpropane triacrylate	15625-89-5	ADHS	SP	ME	GMM-03					PB2006-105550
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	MD	GMM-05					PB2008-109734
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	SP	MI ME	GMM-05					PB2008-109734
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	GAV	MD	GMM-05					PB2008-109734
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	ME	GMM-05					PB2008-109734
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	GAV	ME	GMM-05					PB2008-109734
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	WATER	MD	GMM-11					PB2008-109740
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	SP	MI ME	GMM-11					PB2008-109740
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	WATER	ME	GMM-11					PB2008-109740
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	WATER	MD	GMM-06					PB2008-109735
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	SP	ME MI	GMM-06					PB2008-109735
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	WATER	ME	GMM-06					PB2008-109735

** MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of Carcnoegen Codes

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Ref No. 16

Printed Long-Term and Short-Term Study Reports

Short-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES				
						MR	FR	MM	FM**+	
Acetone	67-64-1	COSM/SYN	WATER	R2 M3	TOX-03					PB91-185975
Acrolein	107-02-8	PLAS/SYN	GAV	R2 M3	TOX-48					PB2008-109744
Allyl acetate	591-87-7	INTR/SYN	GAV	R2 M3	TOX-48					PB2008-109744
Allyl alcohol	107-18-6	INTR/SYN	GAV	R2 M3	TOX-48					PB2008-109744
alpha-Pinene	80-56-8	SOLV/SYN	INHAL	R2 M3	TOX-81					PB2016104182
5-Amino-o-cresol	2835-95-2	COSM/SYN	SP	RD M3	TOX-89					PB2016101129
Antimony potassium tartrate	28300-74-5	PEST/SYN	IP/IJ	R2 M3	TOX-11					PB93-149714
AZT + Isoniazid (AIDS Initiative)	AZTISONIAZID	PHAR/SYN	GAV	M3	AIDS-08					PB2012-102038
AZT + Pyrazinamide combination (AIDS Initiative)	AZTZINAMIDE	PHAR/SYN	GAV	M3	AIDS-05					PB2000-103878
AZT + Rifampin (AIDS Initiative)	AZTRIFAMPIN	PHAR	GAV	M3	AIDS-06					PB2001-104503
Barium chloride dihydrate	10326-27-9	DYE/NATL	WATER	R2 M3	TR-432					PB94-214178

** MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of Carcnoegen Codes

Ref No. 16

Printed Long-Term and Short-Term Study Reports

Short-Term Studies

CARCINOGEN
CODES
MR FR MM FM**

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	MR	FR	MM	FM**
Benzethonium chloride	121-54-0	COSM/SYN	SP	R2 M3	TR-438				PB96-162300
Benzophenone	119-61-9	PHAR/SYN	FEED	R2 M3	TOX-61				PB2000-106659
o-Benzyl-p-chlorophenol	120-32-1	GERM/SYN	GAV	R2 M3	TR-424				PB94-214202
Benzyltrimethyl ammonium chloride	56-93-9	DYE	GAV	R2 M3	TOX-57				PB2000-104839
Benzyltrimethyl ammonium chloride	56-93-9	DYE	GAV	R2 M3	TOX-57				PB2000-104839
2,2-bis(Bromomethyl)-1,3-propanediol	3296-90-0	FLAM/SYN	FEED	R2 M3	TR-452				PB97-120224
Black newsprint ink	EMTDP-75	DYE/SYN	SP	R2 M2	TOX-17				PB93-131910
beta-Bromo-beta-nitrostyrene	7166-19-0	PEST/SYN	GAV	R2 M3	TOX-40				PB95-144531
Butanal oxime	110-69-0	PNT/SYN	WATER	R2 M3	TOX-69				PB2004-104001
1,4-Butanediol	110-63-4	INTR/SYN	FEED	R2	TOX-54				PB97-108161
2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	INTR/SYN	WATER	R2 M3	TOX-26				PB94-118106
2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	INTR/SYN	WATER	R2	TOX-26				PB94-118106
tert-Butyl alcohol	75-65-0	IND/SYN	INHAL	R2 M3	TOX-53				PB98-108905
Butyl benzyl phthalate	85-68-7	PLAS/SYN	FEED	R2	TR-458				PB98-131089
p-tert-Butylcatechol	98-29-3	RUBR/SYN	FEED	R2 M3	TOX-70				PB2003-102289
p-tert-Butylcatechol	98-29-3	RUBR/SYN	FEED	R2 M3	TOX-70				PB2003-102289
tert-Butyl perbenzoate	614-45-9	ADHS/SYN	GAV	R2 M3	TOX-15				PB93-105690/AS
Cadmium oxide	1306-19-0	DYE/N/S	INHAL	R2 M3	TOX-39				PB95-263356
Cadmium oxide	1306-19-0	DYE/N/S	INHAL	R8 M5	TOX-39				PB95-263356
Carisoprodol	78-44-4	PHAR/SYN	GAV	R2 M3	TOX-56				PB2001-100477
Carisoprodol	78-44-4	PHAR/SYN	GAV	R2 M3	TOX-56				PB2001-100477
Castor oil	8001-79-4	COSM/NATL	FEED	R2 M3	TOX-12				PB93-151439
Cellulose insulation	CELLULOSEINS	PAPR/SYN	IT	R2	TOX-74				PB2009-115653
Chemical mixture - drinking water contaminants	CHEMMIXH20	COMT/NATL	WATER	R2 M3	TOX-35				PB94-121498
Chloral hydrate	302-17-0	PHAR/SYN	GAV	R2 MV	C92010B				
m-Chloroaniline	108-42-9	INTR/SYN	GAV	R2 M3	TOX-43				PB98-135932
o-Chloroaniline	95-51-2	DYE/SYN	GAV	R2 M3	TOX-43				PB98-135932
2-Chloronitrobenzene	88-73-3	DYE/SYN	INHAL	R2 M3	TOX-33				PB94-118262
4-Chloronitrobenzene	100-00-5	DYE/SYN	INHAL	R2 M3	TOX-33				PB94-118262
Chloroprene	126-99-8	PLAS/SYN	INHAL	R2 M3	TR-467				PB99-123671
1-Chloro-2-propanol, technical	127-00-4	INTR/SYN	WATER	R2 M3	TR-477				PB99-119240
p-Chloro-a,a,a-trifluorotoluene	98-56-6	SYN	GAV	R2 M3	TOX-14				PB93-105682/AS
p-Chloro-a,a,a-trifluorotoluene	98-56-6	SYN	GAV	R2 M3	TOX-14				PB93-105682/AS
C.I. Direct Black 38	1937-37-7	DYE	FEED	R2 M3	TR-108				PB280204 P P
C.I. Direct Blue 6	2602-46-2	COSM	FEED	R2 M3	TR-108				PB280204 P P
C.I. Direct Blue 218	28407-37-6	DYE	FEED	R2 M3	TR-430				PB94-215993
C.I. Direct Brown 95	16071-86-6	DYE	FEED	R2 M3	TR-108				PB280204 N P
Cobalt sulfate heptahydrate	10026-24-1	DYE/NATL	INHAL	R2 M3	TOX-05				PB91-185348
Codeine	76-57-3	INTR/N/S	FEED	R2 M3	TR-455				PB97-116743
Coumarin	91-64-5	PHAR/NATL	GAV	R2 M3	TR-422				PB94-215761
m-Cresol	108-39-4	FUME/NATL	FEED	R2 M3	TOX-09				PB92-174242
o-Cresol	95-48-7	DYE/NATL	FEED	R2 M3	TOX-09				PB92-174242
p-Cresol	106-44-5	PEST/NATL	FEED	R2 M3	TOX-09				PB92-174242
Cresols	1319-77-3	DYE/N/S	FEED	R2 M3	TOX-09				PB92-174242
Cupric sulfate	7758-99-8	FOOD/NATL	WATER	R2 M3	TOX-29				PB94-120870
Cupric sulfate	7758-99-8	FOOD/NATL	FEED	R2 M3	TOX-29				PB94-120870
Cyclohexanone oxime	100-64-1	PLAS/SYN	WATER	M3	TOX-50				PB96-175559
D&C Yellow No. 11	8003-22-3	COSM/SYN	FEED	R2 M3	TOX-08				PB91-185355
2,4-Decadienal	25152-84-5	FOOD/N/S	GAV	R2 M3	TOX-76				PB2011-105285
Diazoaminobenzene	136-35-6	DYE/SYN	SP	R2 M3	TOX-73				PB2003-103038
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	FUNG/SYN	SP	R2 M22	TR-555				PB2010-113180
Dibutyl Phthalate	84-74-2	FUNG/SYN	FEED	R2 M3	TOX-30				PB95-232427
Dibutyl Phthalate	84-74-2	FUNG/SYN	FEED	R2 M3	TOX-30				PB95-232427
p,p'-Dichlorodiphenyl sulfone	80-07-9	PLAS	FEED	R2 M3	TR-501				PB2002-100580
1,2-Dichloroethane	107-06-2	FUME/SYN	GAV	R2	TOX-04				PB91-185363
1,2-Dichloroethane	107-06-2	FUME/SYN	WATER	R2 M3	TOX-04				PB91-185363
1,2-Dichloroethane	107-06-2	FUME/SYN	WATER	R1 R8	TOX-04				PB91-185363
trans-1,2-Dichloroethylene	156-60-5	SOLV	MICRO	R2 M3	TOX-55				PB2002-108967
Diethanolamine	111-42-2	TEXL/SYN	SP	R2 M3	TOX-20				PB93-133999
Diethanolamine	111-42-2	TEXL/SYN	WATER	R2 M3	TOX-20				PB93-133999
3,4-Dihydrocoumarin	119-84-6	FOOD/NATL	GAV	R2 M3	TR-423				PB95-103925
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	IND/SYN	SP	R2 M3	TR-456				PB98-101009
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	IND/SYN	SP	R2 M7	TR-456				PB98-101009
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	R2 M3	TR-523				PB2007107705
Dimethylaminopropyl chloride, hydrochloride	5407-04-5	INTR/SYN	GAV	R2 M3	TOX-75				PB2009-114738
Dimethylformamide	68-12-2	SOLV/SYN	INHAL	R2 M3	TOX-22				PB93-131936

*+ MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of Carcnoegen Codes

Ref No. 16

Printed Long-Term and Short-Term Study Reports

Short-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES			
							MR	FR	MM	FM**
1,3-Diphenylguanidine	102-06-7	RUBR/SYN	FEED	R2 M3	TOX-42	PB96-115639				
Dipropylene glycol	25265-71-8	INTR	WATER	R2 M3	TR-511	PB2005100832				
Elmiron (sodium pentosanpolysulfate)	37319-17-8	PHAR/SYN	GAV	R2 M3	TR-512	PB2004-106612				
Estragole	140-67-0	FOOD/NATL	GAV	R2 M3	TOX-82	PB2011-105234				
Ethanone, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthalenyl)- (Iso-E Super®; OTNE)	54464-57-2	COSM/SYN	SP	RD M3	TOX-92					
Ethylbenzene	100-41-4	FUEL/SYN	INHAL	R2 M3	TOX-10	PB93-149722				
Ethylene glycol monoethyl ether (EGMEE)	110-80-5	COSM/SYN	WATER	R2 M3	TOX-26	PB94-118106				
Ethylene glycol monoethyl ether (EGMEE)	110-80-5	COSM/SYN	WATER	R2	TOX-26	PB94-118106				
Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	COSM/SYN	WATER	R2 M3	TOX-26	PB94-118106				
Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	COSM/SYN	WATER	R2	TOX-26	PB94-118106				
Formamide	75-12-7	SOLV/SYN	GAV	R2 M3	TR-541	PB2009-115393				
Formic acid	64-18-6	FUME/N/S	INHAL	R2 M3	TOX-19	PB93-149730				
Fumonisin B1	116355-83-0	FEED/NATL	FEED	R2 M3	TR-496	PB2002-103492				
Furfuryl alcohol	98-00-0	FOOD/N/S	INHAL	R2 M3	TR-482	PB99-151482				
Gallium arsenide	1303-00-0	ELEC/SYN	INHAL	R2 M3	TR-492	PB2001-102003				
Glutaraldehyde	111-30-8	ADHS/SYN	INHAL	R2 M3	TOX-25	PB94-119252				
Glyphosate	1071-83-6	HERB/SYN	FEED	R2 M3	TOX-16	PB95-109898				
Glyphosate	1071-83-6	HERB/SYN	FEED	R2	TOX-16	PB95-109898				
Goldenseal root powder	GOLDENSEALRT	DIET/NATL	FEED	R2 M22	TR-562	PB2011-101388				
Halogenated ethanes CS (1,2-Dichloro-1,1-difluoroethane)	1649-08-7	IND/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,2-Difluoro-1,1,2,2-tetrachloroethane)	76-12-0	SOLV/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (Hexachloroethane)	67-72-1	SOLV/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (Pentabromoethane)	75-95-6	IND/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (Pentachloroethane)	76-01-7	SOLV/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,1,2-Tetrabromoethane)	630-16-0	IND/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,2,2-Tetrabromoethane)	79-27-6	FLAM/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,1,2-Tetrachloroethane)	630-20-6	INTR	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,2,2-Tetrachloroethane)	79-34-5	SOLV/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,1-Trichloroethane)	71-55-6	SOLV/SYN	GAV	R2	TOX-45	PB96-202718				
Halogenated ethanes CS (1,1,1-Trichloro-2,2,2-trifluoroethane)	354-58-5	IND/SYN	GAV	R2	TOX-45	PB96-202718				
Hexachloro-1,3-butadiene	87-68-3	FUME	FEED	M3	TOX-01	PB91-185884				
2,4-Hexadienal	142-83-6	FOOD/N/S	GAV	R2 M3	TR-509	PB2004102548				
1,6-Hexanediamine dihydrochloride	6055-52-3	INTR/SYN	INHAL	R2 M3	TOX-24	PB94-119260				
1,6-Hexanediamine dihydrochloride	6055-52-3	INTR/SYN	WATER	R2 M3	TOX-24	PB94-119260				
n-Hexane	110-54-3	NATL/NATL	INHAL	M3	TOX-02	PB91-185322				
2-Hydroxy-4-methoxybenzophenone	131-57-7	COSM/SYN	FEED	R2 M3	TOX-21	PB93-126498				
2-Hydroxy-4-methoxybenzophenone	131-57-7	COSM/SYN	SP	R2 M3	TOX-21	PB93-126498				
2-Hydroxy-4-methoxybenzophenone	131-57-7	COSM/SYN	SP	R2 M3	TOX-21	PB93-126498				
5-(Hydroxymethyl)-2-furfural	67-47-0	NATL/N/S	GAV	R2 M3	TR-554	PB2010-113179				
Isobutyraldehyde	78-84-2	INTR/N/S	INHAL	R2 M3	TR-472	PB99-134785				
Isoprene	78-79-5	RUBR/N/S	INHAL	R2 M3	TOX-31	PB95-226486				
Isoprene	78-79-5	RUBR/N/S	INHAL	R2 M3	TOX-31	PB95-226486				
Leucomalachite green	129-73-7	FUNG/SYN	FEED	R2 MV	TOX-71	PB2004-106614				
Magnetic fields (EMF)	ELECTROMAG	ELEC	WB	R2 M3	TOX-58	PB97-115463				
Magnetic fields + DMBA initiation promotion	EMF+DMBA	ELEC/SYN	GV/WB	R8	TR-489	PB2000-101313				
Malachite green	569-64-2	GERM/SYN	FEED	R2 MV	TOX-71	PB2004-106614				
Manganese sulfate monohydrate	10034-96-5	DYE/NATL	FEED	R2 M3	TR-428	PB94-217148				
Methacrylonitrile	126-98-7	INTR/SYN	GAV	R2 M3	TOX-47	PB2000-106-406				
Methapyrilene hydrochloride	135-23-9	PHAR/SYN	FEED	R2	TOX-46	PB2000-107871				
Methyl bromide	74-83-9	FUME/SYN	INHAL	R2 M3	TR-385	PB92-189257				
Methyl bromide	74-83-9	FUME/SYN	INHAL	R2 M3	TR-385	PB92-189257				
Methylene bis(thiocyanate)	6317-18-6	FUNG/SYN	GAV	R2 M3	TOX-32	PB94-194164				
Methyl ethyl ketone peroxide	1338-23-4	PLAS/SYN	SP	R2 M3	TOX-18	PB94-119278				
Methyl ethyl ketoxime	96-29-7	PNT	WATER	R2 M3	TOX-51	PB99-176828				
Methyleugenol	93-15-2	FOOD/NATL	GAV	R2 M3	TR-491	PB2000-107865				
2-Methylimidazole	693-98-1	INTR/N/S	FEED	R2 M3	TOX-67	PB2004-105393				
4-Methylimidazole	822-36-6	FOOD/N/S	FEED	R2 M3	TOX-67	PB2004-105393				
Methylphenidate hydrochloride	298-59-9	PHAR/SYN	FEED	R2 M3	TR-439	PB96-162615				
Molybdenum trioxide	1313-27-5	DYE/SYN	INHAL	R2 M3	TR-462	PB98-107048				
p-Nitroaniline	100-01-6	DYE/SYN	GAV	M3	TR-418	PB94-104528				
o-Nitroanisole	91-23-6	DYE/SYN	FEED	R2 M3	TR-416	PB94-109758				

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See Page 4 for explanation of Carcino Code

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Short-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES				
						MR	FR	MM	FM**	
p-Nitrobenzoic acid	62-23-7	DYE	FEED	R2 M3	TR-442					PB95-226254
1-Nitropyrene	5522-43-0	ENVH/SYN	INHAL	R2	TOX-34					PB96-176342
m-Nitrotoluene	99-08-1	DYE/SYN	FEED	R2 M3	TOX-23					PB93-150092
o-Nitrotoluene	88-72-2	RUBR/SYN	FEED	R2 M3	TOX-23					PB93-150092
o-Nitrotoluene	88-72-2	RUBR/SYN	FEED	R2	TOX-44					PB96-188321
p-Nitrotoluene	99-99-0	DYE/SYN	FEED	R2 M3	TOX-23					PB93-150092
Pentachlorobenzene	608-93-5	FLAM	FEED	R2 M3	TOX-06					PB91-185983
Pentachlorophenol, DP-2	87-86-5	PEST/SYN	FEED	M3	TR-349					PB89-216536
Pentachlorophenol, purified	87-86-5	PEST/SYN	FEED	M3	TR-349					PB89-216536
Peroxisome project (WY-14643)	50892-23-4	PHAR/SYN	FEED	M3 H1	TOX-62					PB2000-106659
										HSD
Pesticide/fertilizer contamination--mixture 2	PESTFERTMIX2	COMT/SYN	WATER	R2 M3	TOX-36					PB94-121035
Pesticide/fertilizer contamination--mixture 3	PESTFERTMIX3	COMT/SYN	WATER	R2 M3	TOX-36					PB94-121035
Phenolphthalein	77-09-8	PHAR/SYN	FEED	R2 M3	TR-465					PB97-169882
ortho-Phthalaldehyde	643-79-8	GERM	INHAL	M3 HSD	TOX-84					
Promethazine hydrochloride	58-33-3	PHAR/SYN	GAV	R2 M3	TR-425					PB94-210192
Riddelliine	23246-96-0	PHAR/NATL	GAV	R2 M3	TOX-27					PB94-194685
Salicylazosulfapyridine	599-79-1	PHAR/SYN	GAV	R2 M3	TR-457					PB97-212708
Scopolamine hydrobromide trihydrate	6533-68-2	PHAR/SYN	GAV	R2 M3	TR-445					PB97-208946
Senna (powdered)	8013-11-4	DIET/NATL	FEED	M1	GMM-15					PB2012111383
Senna (powdered)	8013-11-4	DIET/NATL	FEED	MD	GMM-15					PB2012111383
Sodium cyanide	143-33-9	FUME/SYN	WATER	R2 M3	TOX-37					PB94-194693
Sodium dichromate dihydrate (VI)	7789-12-0	ENVH/SYN	WATER	MX MW M3	TOX-72					PB2007-107225
Sodium nitrite	7632-00-0	INTR/SYN	WATER	R2 M3	TR-495					PB2001-107676
Sodium selenate	13410-01-0	FEED/SYN	WATER	R2 M3	TOX-38					PB94-215753
Sodium selenite	10102-18-8	FEED/SYN	WATER	R2 M3	TOX-38					PB94-215753
Sodium thioglycolate	367-51-1	COSM/SYN	SP	R2 M3	TOX-80					
Sodium xylenesulfonate	1300-72-7	DTRG/SYN	SP	R2 M3	TR-464					PB98-168719
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	R2 M3	TOX-65					PB99-123465
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	HSD	TR-558					PB2011-104500
3,3',4,4'-Tetrachloroazoxybenzene	21232-47-3	COMT/SYN	GAV	R2 M3	TOX-66					PB99-123663
1,2,4,5-Tetrachlorobenzene	95-94-3	DYE	FEED	R2 M3	TOX-07					PB91-185330
1,1,2,2-Tetrachloroethane	79-34-5	SOLV/SYN	MICRO	R2 M3	TOX-49					PB2004-105706
1,1,2,2-Tetrachloroethane	79-34-5	SOLV/SYN	MICRO	R2 M3	TOX-49					PB2004-105706
Tetrachlorophthalic anhydride	117-08-8	FLAM/SYN	GAV	R2 M3	TOX-28					PB94-119245
Tetrafluoroethylene	116-14-3	FOOD/SYN	INHAL	R2 M3	TR-450					PB97-208508
1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	PHAR/NATL	GAV	R2 M3	TR-446					PB97-182208
Tetrahydrofuran	109-99-9	FDPK/SYN	INHAL	R2 M3	TR-475					PB98-164544
Theophylline	58-55-9	PHAR/NATL	GAV	R2 M3	TR-473					PB99-113342
Theophylline	58-55-9	PHAR/NATL	FEED	R2 M3	TR-473					PB99-113342
alpha-Thujone	546-80-5	DIET/NATL	GAV	R2 M22	TR-570					PB2012-102007
alpha/beta Thujone mixture	76231-76-0	COSM/NATL	GAV	R2 M22	TR-570					PB2012-102007
Toluene	108-88-3	FUEL/N/S	GAV	R2 M3	TR-371					PB90-256371
p-Toluenesulfonamide	70-55-3	PEST/SYN	FEED	RD M3	TOX-88					
o-Toluidine hydrochloride	636-21-5	DYE	FEED	R2	TOX-44					PB96-188321
1,1,1-Trichloroethane	71-55-6	SOLV/SYN	MICRO	R2 M3	TOX-41					PB2001-100476
2,4,7-Trinitro-fluoren-9-one	129-79-3	PHOT/SYN	SP	R2 M3	TOX-13					PB92-238864/AS
2,4,7-Trinitro-fluoren-9-one	129-79-3	PHOT/SYN	FEED	R2 M3	TOX-13					PB92-238864/AS
Urethane	51-79-6	PNT/SYN	WATER	R2 M3	TOX-52					PB96-175575
Urethane + ethanol (combination)	URETHCOMB	PNT/N/S	WATER	R2 M3	TOX-52					PB96-175575
Vanadium pentoxide	1314-62-1	INTR/NATL	INHAL	R2 M3	TR-507					PB2003102385

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** The NCI and the NTP Technical Reports for the following chemicals are available from the National Technical Information Service (NTIS), Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, Phone: (703) 605-6000 or 1-800-553-6847 (rush orders only). Technical reports numbered 220 or higher may also be available from Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) . All requests containing checks, money orders, or purchase orders should be sent to NTIS.

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Long-Term Studies

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES				
						MR	FR	MM	FM**	
Acetaminophen (4-hydroxyacetanilide)	103-90-2	DYE/SYN	FEED	R2 M3	TR-394					PB93-227478

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							MR	FR	MM	FM**
Acetohexamide	968-81-0	PHAR/SYN	FEED	R2 M3	TR-050	PB284673	N	N	N	N
Acetonitrile	75-05-8	SOLV/SYN	INHAL	R2 M3	TR-447	PB96-214937	EE	NE	NE	NE
Acronycine	7008-42-6	CMOT/NATL	IP/IJ	R8 M3	TR-049	PB283347	P	P	IS	IS
Acrylamide	79-06-1	COMT/SYN	WATER	RC MV	TR-575	PB2013102800	CE	CE	CE	CE
Acrylonitrile	107-13-1	INTR/SYN	GAV	M3	TR-506	PB2002-102198			CE	CE
Agar	9002-18-0	FOOD/NATL	FEED	R2 M3	TR-230	PB82-227588	N	N	N	N
Aldicarb	116-06-3	PEST/SYN	FEED	R2 M3	TR-136	PB298511	N	N	N	N
Aldrin	309-00-2	PEST/SYN	FEED	R1 M3	TR-021	PB275666	E	E	P	P
Allyl chloride	107-05-1	INTR/SYN	GAV	R1 M3	TR-073	PB287516	N	N	E	E
Allyl glycidyl ether	106-92-3	SOLV/SYN	INHAL	R1 M3	TR-376	PB90-260027	EE	NE	SE	SE
Allyl isothiocyanate	57-06-7	FOOD/NATL	GAV	R2 M3	TR-234	PB83-144238	P	E	N	N
Allyl isovalerate	2835-39-4	FOOD/SYN	GAV	R2 M3	TR-253	PB83-218214	P	N	N	N
Aloe-emodin	481-72-1	DIET/NATL	SP	MT	TR-553	PB2011-101386				
Aloe phototoxicity studies	ALOEPHOTOTOX	DIET/NATL	SP	MT	TR-553	PB2011-101386				
Aloe vera charcoal filtered whole leaf extract	ALOEVFILTER	DIET/NATL	SP	MT	TR-553	PB2011-101386				
Aloe vera gel	8001-97-6	DIET/NATL	SP	MT	TR-553	PB2011-101386				
Aloe vera whole leaf extract (native)	ALOEVLLEAFEXT	DIET/NATL	WATER	RC MV	TR-577	PB2014-100511	CE	CE	NE	NE
Aloe vera whole leaf extract (native)	ALOEVLLEAFEXT	DIET/NATL	SP	MT	TR-553	PB2011-101386				
alpha/beta Hydroxy acids (glycolic acid, salicylic acid)	HYDROXGLYSAL	COSM/N/S	SP	MT	TR-524	PB2008109732			NE	NE
2-Aminoanthraquinone	117-79-3	DYE/SYN	FEED	R2 M3	TR-144	PB287739	P	IS	P	P
1-Amino-2,4-dibromoanthraquinone	81-49-2	DYE/SYN	FEED	R2 M3	TR-383	PB97-116636	CE	CE	CE	CE
3-Amino-4-ethoxyacetanilide	17026-81-2	DYE	FEED	R2 M3	TR-112	PB285194	N	N	P	P
3-Amino-9-ethylcarbazole HCl	6109-97-3	DYE	FEED	R2 M3	TR-093	PB287126	P	P	P	P
1-Amino-2-methylanthraquinone	82-28-0	DYE/SYN	FEED	R2 M3	TR-111	PB286852	P	P	N	N
2-Amino-4-nitrophenol	99-57-0	DYE/SYN	GAV	R2 M3	TR-339	PB89-128623	SE	NE	NE	NE
2-Amino-5-nitrophenol	121-88-0	DYE/SYN	GAV	R2 M3	TR-334	PB88-184809	SE	NE	NE	NE
4-Amino-2-nitrophenol	119-34-6	DYE/SYN	FEED	R2 M3	TR-094	PB286189	P	E	N	N
2-Amino-5-nitrothiazole	121-66-4	PHAR/SYN	FEED	R2 M3	TR-053	PB283346	P	N	N	N
11-Aminoundecanoic acid	2432-99-7	INTR/SYN	FEED	R2 M3	TR-216	PB82-225640	P	N	E	E
DL-amphetamine sulfate	60-13-9	PHAR/SYN	FEED	R2 M3	TR-387	PB92-107978	NE	NE	NE	NE
Ampicillin trihydrate	7177-48-2	PHAR/N/S	GAV	R2 M3	TR-318	PB87-204160	EE	NE	NE	NE
Androstenedione	63-05-8	DIET/SYN	GAV	R2 M22	TR-560	PB2011-100790	EE	EE	CE	CE
Anilazine	101-05-3	FUNG/SYN	FEED	R2 M3	TR-104	PB287141	N	N	N	N
Aniline hydrochloride	142-04-1	DYE/NATL	FEED	R2 M3	TR-130	PB287539	P	P	N	N
o-Anisidine hydrochloride	134-29-2	DYE	FEED	R2 M3	TR-089	PB285879	P	P	P	P
p-Anisidine hydrochloride	20265-97-8	DYE	FEED	R2 M3	TR-116	PB286951	E	N	N	N
o-Anthranilic acid	118-92-3	DYE/NATL	FEED	R2 M3	TR-036	PB278883	N	N	N	N
Anthraquinone	84-65-1	DYE/SYN	FEED	R2 M3	TR-494	PB2006-101509	SE	CE	CE	CE
Antimony Trioxide	1309-64-4	DYE/N/S	INHAL	RE M3	TR-590		SE	SE	CE	CE
Aroclor 1254	11097-69-1	ELEC	FEED	R2	TR-038	PB279624	E	E		
Asbestos, amosite	12172-73-5	NSUL/NATL	FEED	R2	TR-279	PB91-172312	N	N		
Asbestos, amosite	12172-73-5	NSUL/NATL	FEED	H1	TR-249	PB87-133278				
Asbestos, amosite + Dimethyl hydrazine	12172-73-5	FLAM/NATL	FEED	R2	TR-279	PB91-172312	IS	IS		
Asbestos, chrysotile(IR)	12001-29-5	TEXTL/NATL	FEED	R2	TR-295	PB86-167103	SE	NE		
Asbestos, chrysotile(IR)	12001-29-5	TEXTL/NATL	FEED	H1	TR-246	PB91-142380				
Asbestos, chrysotile(IR)	12001-29-5	TEXTL/NATL	FEED	R2	TR-295	PB86-167103				
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	TEXTL/NATL	FEED	H1	TR-246	PB91-142380				
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	TEXTL/NATL	FEED	R2	TR-295	PB86-167103	IS	IS		
Asbestos, chrysotile(SR)	12001-29-5	TEXTL/NATL	FEED	R2	TR-295	PB86-167103	NE	NE		
Asbestos, chrysotile(SR)	12001-29-5	TEXTL/NATL	FEED	H1	TR-246	PB91-142380				
Asbestos, crocidolite	12001-28-4	NSUL/NATL	FEED	R2	TR-280	PB89-178529	N	N		
L-Ascorbic acid	50-81-7	COSM/NATL	FEED	R2 M3	TR-247	PB83-201194	N	N	N	N
Aspirin, phenacetin, and caffeine	8003-03-0	PHAR/N/S	FEED	R2 M3	TR-067	PB284684	N	E	N	N
5-Azacytidine	320-67-2	CMOT/SYN	IP/IJ	R8 M3	TR-042	PB279526	IS	IS	IS	IS
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MV M3	TR-569	PB2013-104938			NE	NE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MV	TR-569	PB2013-104938			NE	NE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MV	TR-569	PB2013-104938			SE	SE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MV	TR-569	PB2013-104938			NE	NE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MJ	GMM-14	PB2014-103470			CE	CE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MS	GMM-16	PB2014-103469			CE	CE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MS	GMM-16	PB2014-103469			NE	NE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MS	GMM-16	PB2014-103469			NE	NE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MS	GMM-16	PB2014-103469			CE	CE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	MS	GMM-16	PB2014-103469			CE	CE
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	CMOT/SYN	GAV	R2 M3	TR-469	PB99-145807			EE	EE
Azinphosmethyl	86-50-0	PEST/SYN	FEED	R1 M3	TR-069	PB286371	E	N	N	N
Azobenzene	103-33-3	DYE/SYN	FEED	R2 M3	TR-154	PB293835	P	P	N	N

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AZT+3TC+NVP combination	AZT3TCCOMBO	PHAR/SYN	GAV	MJ	GMM-16	PB2014-103469				
AZT/Drug Combinations Transplacental Carcinogenesis Study	AIDSTHERAPEU	PHAR/SYN	UTERO	MV	TR-569	PB2013-104938				
AZT transplacental carcinogenesis study	30516-87-1	CMOT/SYN	UTERO	M5	TR-522	PB2006-115448			CE	CE
Barium chloride dihydrate	10326-27-9	DYE/NATL	WATER	R2 M3	TR-432	PB94-214178	NE	NE	NE	NE
Benzaldehyde	100-52-7	INTR/N/S	GAV	R2 M3	TR-378	PB90-253782	NE	NE	SE	SE
Benzene	71-43-2	COMT/N/S	GAV	R2 M3	TR-289	PB86-216967	CE	CE	CE	CE
Benzethonium chloride	121-54-0	COSM/SYN	SP	R2 M3	TR-438	PB96-162300	NE	NE	NE	NE
Benzofuran	271-89-6	INTR/SYN	GAV	R2 M3	TR-370	PB90-231127	NE	SE	CE	CE
Benzoin	119-53-9	FOOD/SYN	FEED	R2 M3	TR-204	PB80-217953	N	N	N	N
Benzophenone	119-61-9	PHAR/SYN	FEED	R2 M22	TR-533	PB2006-111481	SE	EE	SE	SE
p-Benzoquinone dioxime	105-11-3	RUBR/SYN	FEED	R2 M3	TR-179	PB291501	N	P	N	N
1,2,3-Benzotriazole	95-14-7	INTR/SYN	FEED	R2 M3	TR-088	PB285202	E	E	N	N
Benzyl acetate	140-11-4	COSM/N/S	GAV	R2 M3	TR-250	PB87-115044	EE	NE	SE	SE
Benzyl acetate	140-11-4	COSM/N/S	FEED	R2 M3	TR-431	PB94-184033	NE	NE	NE	NE
Benzyl alcohol	100-51-6	COSM/NATL	GAV	R2 M3	TR-343	PB90-110206	NE	NE	NE	NE
o-Benzyl-p-chlorophenol	120-32-1	GERM/SYN	SP	M5	TR-444	PB96-162342				
o-Benzyl-p-chlorophenol	120-32-1	GERM/SYN	GAV	R2 M3	TR-424	PB94-214202	NE	EE	SE	SE
2-Biphenylamine hydrochloride	2185-92-4	DYE/SYN	FEED	R2 M3	TR-233	PB83-138842	N	N	E	E
2,2-bis(Bromomethyl)-1,3-propanediol	3296-90-0	FLAM/SYN	FEED	R2 M3	TR-452	PB97-120224	CE	CE	CE	CE
bis(2-Chloro-1-methylethyl) ether	108-60-1	SOLV/SYN	GAV	R2	TR-191	PB299741	N	N		
bis(2-Chloro-1-methylethyl) ether	108-60-1	SOLV/SYN	GAV	M3	TR-239	PB83-169615			P	P
Bisphenol A	80-05-7	INTR/SYN	FEED	R2 M3	TR-215	PB82-184060	E	E	E	E
Boric acid	10043-35-3	COSM/NATL	FEED	M3	TR-324	PB88-213475			NE	NE
Bromodichloromethane	75-27-4	INTR/SYN	GAV	R2 M3	TR-321	PB88-168687	CE	CE	CE	CE
Bromoethane (ethyl bromide)	74-96-4	INTR/SYN	INHAL	R2 M3	TR-363	PB90-219445	SE	EE	EE	EE
1-Bromopropane	106-94-5	ADHS/SYN	INHAL	R2 M22	TR-564	PB2011-114187	SE	CE	NE	NE
1,3-Butadiene	106-99-0	INTR/N/S	INHAL	M3	TR-288	PB85-179646			CE	CE
1,3-Butadiene	106-99-0	INTR/N/S	INHAL	M3	TR-434	PB94-101631			CE	CE
2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	INTR/SYN	INHAL	R2 M3	TR-484	PB2000-105865	NE	EE	SE	SE
tert-Butyl alcohol	75-65-0	IND/SYN	WATER	R2 M3	TR-436	PB96-162748	SE	NE	EE	EE
Butylated hydroxytoluene	128-37-0	FOOD/SYN	FEED	R2 M3	TR-150	PB298539	N	N	N	N
Butyl benzyl phthalate	85-68-7	PLAS/SYN	FEED	R2 M3	TR-213	PB83-118398	IS	P	N	N
Butyl benzyl phthalate	85-68-7	PLAS/SYN	FEED	R2	TR-458	PB98-131089	SE	EE		
n-Butyl chloride	109-69-3	INTR/SYN	GAV	R2 M3	TR-312	PB86-218526	NE	NE	NE	NE
t-Butylhydroquinone	1948-33-0	COSM	FEED	R2 M3	TR-459	PB98-107170	NE	NE	NE	NE
gamma-Butyrolactone	96-48-0	INTR/SYN	GAV	R2 M3	TR-406	PB92-189323	NE	NE	EE	EE
Calcium cyanamide	156-62-7	PEST/SYN	FEED	R2 M3	TR-163	PB293625	N	N	N	N
Caprolactam	105-60-2	TEXL/SYN	FEED	R2 M3	TR-214	PB82-190182	N	N	N	N
Captan	133-06-2	FUNG/SYN	FEED	R1 M3	TR-015	PB273475	N	N	P	P
Carbromal	77-65-6	PHAR/SYN	FEED	R2 M3	TR-173	PB290130	N	N	N	N
D-Carvone	2244-16-8	COSM/NATL	GAV	R2 M3	TR-381	PB90-241100			NE	NE
Chloral hydrate	302-17-0	PHAR/SYN	GAV	R2 MV	TR-502	PB2002-105712				
Chloral hydrate	302-17-0	PHAR/SYN	GAV	MV	TR-503	PB2003-103039			SE	SE
Chloramben	133-90-4	HERB/SYN	FEED	R1 M3	TR-025	PB273065	N	N	E	E
Chloraminated water	CHLORAMINEMX	WATR/SYN	WATER	R2 M3	TR-392	PB92-191659	NE	EE	NE	NE
Chlordane (analytical grade)	57-74-9	PEST/SYN	FEED	R1 M3	TR-008	PB271977	N	N	P	P
Chlordecone	143-50-0	FUNG/SYN	FEED	R1 M3	TR-000	PB264041	P	P	P	P
					(143-50-0)					
Chlorendic acid	115-28-6	FLAM/SYN	FEED	R2 M3	TR-304	PB87-206835	CE	CE	CE	CE
Chlorinated paraffins: C12, 60% chlorine	108171-26-2	FLAM/SYN	GAV	R2 M3	TR-308	PB86-248101	CE	CE	CE	CE
Chlorinated paraffins: C23, 43% chlorine	108171-27-3	FLAM/SYN	GAV	R2 M3	TR-305	PB86-248093	NE	EE	CE	CE
Chlorinated trisodium phosphate	56802-99-4	DTRG	GAV	R2 M3	TR-294	PB87-189718	IS	IS	NE	NE
Chlorinated water	CHLORWATERMX	WATR/SYN	WATER	R2 M3	TR-392	PB92-191659	NE	EE	NE	NE
2-Chloroacetophenone (CN)	532-27-4	MLTR/SYN	INHAL	R2 M3	TR-379	PB90-256066	NE	EE	NE	NE
4-(Chloroacetyl)acetanilide	140-49-8	DYE/SYN	FEED	R2 M3	TR-177	PB288754	N	N	N	N
p-Chloroaniline	106-47-8	DYE/SYN	FEED	R2 M3	TR-189	PB295896	E	N	E	E
p-Chloroaniline hydrochloride	20265-96-7	DYE	GAV	R2 M3	TR-351	PB90-222563	CE	EE	SE	SE
o-Chlorobenzalmalononitrile (CS)	2698-41-1	MLTR/SYN	INHAL	R2 M3	TR-377	PB90-256280	NE	NE	NE	NE
Chlorobenzene	108-90-7	COSM	GAV	R2 M3	TR-261	PB86-144714	E	N	N	N
Chlorobenzilate	510-15-6	PEST/SYN	FEED	R1 M3	TR-075	PB287123	E	E	P	P
Chlorodibromomethane	124-48-1	LABC/NATL	GAV	R2 M3	TR-282	PB86-166675	NE	NE	EE	EE
Chloroethane	75-00-3	INTR/SYN	INHAL	R2 M3	TR-346	PB90-225053	EE	EE	IS	IS
2-Chloroethanol (ethylene chlorohydrin)	107-07-3	SOLV/SYN	SP	R2 M4	TR-275	PB86-145513	NE	NE	NE	NE
bis(2-Chloroethoxy)methane	111-91-1	SOLV/SYN	SP	R2 M22	TR-536	PB2011-113465	NE	NE	NE	NE
2-Chloroethyltrimethylammonium chloride	999-81-5	FOOD/SYN	FEED	R2 M3	TR-158	PB293627	N	N	N	N
Chloroform	67-66-3	SOLV/SYN	GAV	R1 M3	TR-000	PB264018	P	N	P	P
					(67-66-3)					
3-Chloro-2-methylpropene	563-47-3	FUME/SYN	GAV	R2 M3	TR-300	PB86-247293	CE	CE	CE	CE
2-Chloromethylpyridine hydrochloride	6959-47-3	INTR/SYN	GAV	R2 M3	TR-178	PB295895	N	N	N	N

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See Page 4 for explanation of Carcnoegen Codes

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Long-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES			
							MR	FR	MM	FM**
3-Chloromethylpyridine hydrochloride	6959-48-4	INTR	GAV	R2 M3	TR-095	PB287125	P	E	P	P
4-Chloro-m-phenylenediamine	5131-60-2	COSM/SYN	FEED	R2 M3	TR-085	PB285201	P	N	N	N
4-Chloro-o-phenylenediamine	95-83-0	DYE/SYN	FEED	R2 M3	TR-063	PB283362	P	P	P	P
2-Chloro-p-phenylenediamine sulfate	61702-44-1	DYE/SYN	FEED	R2 M3	TR-113	PB286370	N	N	N	N
Chloropicrin	76-06-2	PEST/SYN	GAV	R1 M3	TR-065	PB282311	I	I	N	N
Chloroprene	126-99-8	PLAS/SYN	INHAL	R2 M3	TR-467	PB99-123671	CE	CE	CE	CE
1-Chloro-2-propanol, technical	127-00-4	INTR/SYN	WATER	R2 M3	TR-477	PB99-119240	NE	NE	NE	NE
Chlorothalonil	1897-45-6	PEST/SYN	FEED	R1 M3	TR-041	PB286369	P	P	N	N
3-Chloro-p-toluidine	95-74-9	DYE/SYN	FEED	R2 M3	TR-145	PB287401	N	N	N	N
5-Chloro-o-toluidine	95-79-4	INTR/SYN	FEED	R2 M3	TR-187	PB291468	N	N	P	P
4-Chloro-o-toluidine hydrochloride	3165-93-3	INTR/SYN	FEED	R2 M3	TR-165	PB295864	N	N	P	P
Chlorpheniramine maleate	113-92-8	PHAR/SYN	GAV	R2 M3	TR-317	PB87-146759	NE	NE	NE	NE
Chlorpropamide	94-20-2	PHAR/SYN	FEED	R2 M3	TR-045	PB275178	N	N	N	N
Chromium picolinate monohydrate	27882-76-4	DIET/SYN	FEED	R2 M22	TR-556	PB2010-115374	EE	NE	NE	NE
C.I. Acid Orange 3	6373-74-6	DYE/SYN	GAV	R2 M3	TR-335	PB89-216550	NE	CE	NE	NE
C.I. Acid Orange 10	1936-15-8	DYE/SYN	FEED	R2 M3	TR-211	PB88-169347	N	N	N	N
C.I. Acid Red 14	3567-69-9	DYE/SYN	FEED	R2 M3	TR-220	PB82-201468	N	N	N	N
C.I. Acid Red 114	6459-94-5	DYE	WATER	R2	TR-405	PB92-189380	CE	CE		
C.I. Basic Red 9 Monohydrochloride	569-61-9	DYE/SYN	FEED	R2 M3	TR-285	PB86-186509	CE	CE	CE	CE
C.I. Direct Blue 15	2429-74-5	DYE	WATER	R2	TR-397	PB93-126373	CE	CE		
C.I. Direct Blue 218	28407-37-6	DYE	FEED	R2 M3	TR-430	PB94-215993	SE	NE	CE	CE
C.I. Disperse Blue 1	2475-45-8	DYE/SYN	FEED	R2 M3	TR-299	PB86-248051	CE	CE	EE	EE
C.I. Disperse Yellow 3	2832-40-8	DYE	FEED	R2 M3	TR-222	PB82-230061	P	N	N	N
trans-Cinnamaldehyde	14371-10-9	FOOD/NATL	MICRO	R2 M3	TR-514	PB2004-104394	NE	NE	NE	NE
Cinnamyl anthranilate	87-29-6	FOOD/SYN	FEED	R2 M3	TR-196	PB81-143141	P	N	P	P
C.I. Pigment Red 3	2425-85-6	DYE	FEED	R2 M3	TR-407	PB92-191634	SE	SE	SE	SE
C.I. Pigment Red 23	6471-49-4	DYE	FEED	R2 M3	TR-411	PB93-228435	EE	NE	NE	NE
C.I. Solvent Yellow 14	842-07-9	DYE/SYN	FEED	R2 M3	TR-226	PB83-126474	P	P	N	N
Citral	5392-40-5	FOOD/NATL	MICRO	R2 M3	TR-505	PB2003-103040	NE	NE	NE	NE
C.I. Vat Yellow 4	128-66-5	DYE	FEED	R2 M3	TR-134	PB288821	N	N	P	P
Clonitralid	1420-04-8	PEST	FEED	R1 M3	TR-091	PB287124	N	E	IS	IS
Cobalt	7440-48-4	IND/NATL	INHAL	RD R2	TR-581	PB2015-101829	CE	CE	CE	CE
				M22						
Cobalt sulfate heptahydrate	10026-24-1	DYE/NATL	INHAL	R2 M3	TR-471	PB99-106627	SE	CE	CE	CE
Coconut oil acid diethanolamine condensate	68603-42-9	TEXTL/N/S	SP	R2 M3	TR-479	PB2001-103205	NE	EE	CE	CE
Codeine	76-57-3	INTR/N/S	FEED	R2 M3	TR-455	PB97-116743	NE	NE	NE	NE
Corn oil	8001-30-7	FOOD/NATL	GAV	R2	TR-426	PB95-103958				
Coumaphos	56-72-4	PEST/SYN	FEED	R2 M3	TR-096	PB290305	N	N	N	N
Coumarin	91-64-5	PHAR/NATL	GAV	R2 M3	TR-422	PB94-215761	SE	EE	SE	SE
m-Cresidine	102-50-1	DYE	GAV	R2 M3	TR-105	PB286188	P	P	IS	IS
p-Cresidine	120-71-8	DYE	FEED	R2 M3	TR-142	PB295835	P	P	P	P
Cresols	1319-77-3	DYE/N/S	FEED	R2 M22	TR-550	PB2008-114135	EE			
Cumene	98-82-8	ENVH/N/S	INHAL	R2 M22	TR-542	PB2009-115394	CE	SE	CE	CE
Cupferron	135-20-6	REAG/SYN	FEED	R2 M3	TR-100	PB287409	P	P	P	P
Cytombena	21739-91-3	CMOT/SYN	IP/IJ	R2 M3	TR-207	PB82-163312	P	P	N	N
Daminozide	1596-84-5	HERB/SYN	FEED	R2 M3	TR-083	PB285073	N	P	E	E
D&C Red No. 9	5160-02-1	DYE/SYN	FEED	R2 M3	TR-225	PB82-229592	P	E	N	N
D&C Yellow No. 11	8003-22-3	COSM/SYN	FEED	R2	TR-463	PB97-107154	SE	SE		
Decabromodiphenyl Ether	1163-19-5	FLAM	FEED	R2 M3	TR-309	PB86-247780	SE	SE	EE	EE
Decalin	91-17-8	LABC/SYN	INHAL	RB R2 M3	TR-513	PB2005-107379	CE	NE	NE	NE
Diallyl phthalate	131-17-9	PLAS	GAV	M3	TR-242	PB83-200824			E	E
Diallyl phthalate	131-17-9	PLAS	GAV	R2	TR-284	PB86-203742	NE	EE		
4,4'-Diamino-2,2'-stilbenedisulfonic acid, disodium salt	7336-20-1	DYE/SYN	FEED	R2 M3	TR-412	PB93-132504	NE	NE	NE	NE
2,4-Diaminoanisole sulfate	39156-41-7	DYE/SYN	FEED	R2 M3	TR-084	PB279940	P	P	P	P
2,4-Diaminophenol dihydrochloride	137-09-7	PHOT/SYN	GAV	R2 M3	TR-401	PB93-117919	NE	NE	SE	SE
2,4-Diaminotoluene (2,4-toluene diamine)	95-80-7	DYE/SYN	FEED	R2 M3	TR-162	PB293593	P	P	N	N
Diarylanilide yellow	6358-85-6	DYE	FEED	R2 M3	TR-030	PB278272	N	N	N	N
Diazinon	333-41-5	PEST/SYN	FEED	R2 M3	TR-137	PB293889	N	N	N	N
Dibenzo-p-dioxin	262-12-4	COMT/SYN	FEED	R1 M3	TR-122	PB288475	N	N	N	N
1,2-Dibromo-3-chloropropane	96-12-8	FUME/SYN	GAV	R1 M3	TR-028	PB277472	P	P	P	P
1,2-Dibromo-3-chloropropane	96-12-8	FUME/SYN	INHAL	R2 M3	TR-206	PB82-225632	P	P	P	P
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	FUNG/SYN	SP	R2 M22	TR-555	PB2010-113180	NE	NE	NE	NE
1,2-Dibromoethane	106-93-4	PEST/SYN	GAV	R1 M3	TR-086	PB288428	P	P	P	P
1,2-Dibromoethane	106-93-4	PEST/SYN	INHAL	R2 M3	TR-210	PB82-181710	P	P	P	P
2,3-Dibromo-1-propanol	96-13-9	FLAM/SYN	SP	R2 M3	TR-400	PB94-206687	CE	CE	CE	CE
Dibutyltin diacetate	1067-33-0	INTR/SYN	FEED	R2 M3	TR-183	PB291567	N	IS	N	N
1,2-Dichlorobenzene (o-dichlorobenzene)	95-50-1	PEST/SYN	GAV	R2 M3	TR-255	PB86-144888	N	N	N	N
1,4-Dichlorobenzene (p-dichlorobenzene)	106-46-7	PEST/SYN	GAV	R2 M3	TR-319	PB87-208617	CE	NE	CE	CE
2,7-Dichlorodibenzo-p-dioxin	33857-26-0	GERM/SYN	FEED	R1 M3	TR-123	PB290570	N	N	E	E
p,p'-Dichlorodiphenyl dichloroethylene	72-55-9	ENVH/SYN	FEED	R1 M3	TR-131	PB286367	N	N	P	P

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p,p'-Dichlorodiphenyl sulfone	80-07-9	PLAS	FEED	R2 M3	TR-501	PB2002-100580	NE	NE	NE	NE
Dichlorodiphenyltrichloroethane (DDT)	50-29-3	ENVH/SYN	FEED	R1 M3	TR-131	PB286367	N	N	N	N
1,1-Dichloroethane	75-34-3	SOLV/SYN	GAV	R1 M3	TR-066	PB283345	N	E	N	N
1,2-Dichloroethane	107-06-2	FUME/SYN	GAV	R1 M3	TR-055	PB285968	P	P	P	P
2,4-Dichlorophenol	120-83-2	ENVH/SYN	FEED	R2 M3	TR-353	PB90-106170	NE	NE	NE	NE
2,6-Dichloro-p-phenylenediamine	609-20-1	INTR	FEED	R2 M3	TR-219	PB82-184052	N	N	P	P
1,2-Dichloropropane (propylene dichloride)	78-87-5	FUEL/SYN	GAV	R2 M3	TR-263	PB87-114443	NE	EE	SE	SE
1,3-Dichloropropene (Telone II)	542-75-6	PEST/SYN	GAV	R2 M3	TR-269	PB85-230449	CE	SE	IS	IS
Dichlorvos	62-73-7	PEST/SYN	FEED	R1 M3	TR-010	PB270937	N	N	N	N
Dichlorvos	62-73-7	PEST/SYN	GAV	R2 M3	TR-342	PB90-198508	SE	EE	SE	SE
Dicofol	115-32-2	PEST/SYN	FEED	R1 M3	TR-090	PB286206	N	N	P	P
N,N'-Dicyclohexylthiourea	1212-29-9	REAG	FEED	R2 M3	TR-056	PB281539	N	N	N	N
Dieldrin	60-57-1	PEST/SYN	FEED	R1 M3	TR-021	PB275666	N	N	E	E
Dieldrin	60-57-1	PEST/SYN	FEED	R2	TR-022	PB275676	N	N		
Diesel fuel marine	DIESELFUEL	FUEL/N/S	SP	M3	TR-310	PB87-131678			EE	EE
Diethanolamine	111-42-2	TEXTL/SYN	SP	R2 M3	TR-478	PB99-167553	NE	NE	CE	CE
Diethylamine	109-89-7	INTR/N/S	INHAL	R2 M22	TR-566	PB2012-101985	NE	NE	NE	NE
Di(2-ethylhexyl)adipate	103-23-1	PLAS/SYN	FEED	R2 M3	TR-212	PB82-185927	N	N	P	P
Di(2-ethylhexyl) Phthalate	117-81-7	PLAS/SYN	FEED	R2 M3	TR-217	PB82-184011	P	P	P	P
Di(p-ethylphenyl)dichloroethane	72-56-0	PEST/SYN	FEED	R2 M3	TR-156	PB290582	N	N	N	N
Diethyl phthalate	84-66-2	COSM	SP	R2 M3	TR-429	PB96-162276	NE	NE	EE	EE
Diethyl phthalate/dimethyl phthalate	DIETH/ DIMETH	COSM	SP	M5	TR-429	PB96-162276				
N,N'-Diethylthiourea	105-55-5	METL/SYN	FEED	R2 M3	TR-149	PB288626	P	P	N	N
Diglycidyl resorcinol ether (DGRE)	101-90-6	ADHS/NATL	GAV	R2 M3	TR-257	PB87-146734	P	P	P	P
3,4-Dihydrocoumarin	119-84-6	FOOD/NATL	GAV	R2 M3	TR-423	PB95-103925	SE	NE	NE	NE
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	IND/SYN	SP	R2 M3 M7	TR-456	PB98-101009	SE	NE	NE	NE
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	IND/SYN	SP	R2 M3	TR-456	PB98-101009				
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	R2 M3	TR-523	PB2007107705	NE	NE	NE	NE
Dimethoate	60-51-5	PEST/SYN	FEED	R1 M3	TR-004	PB264367	N	N	N	N
Dimethoxane	828-00-2	PNT/SYN	GAV	R2 M3	TR-354	PB90-220096	NE	NE	EE	EE
2,4-Dimethoxyaniline hydrochloride	54150-69-5	DYE	FEED	R2 M3	TR-171	PB288625	N	N	N	N
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0	DYE	WATER	R2	TR-372	PB90-241076	CE	CE		
3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0	INTR/SYN	FEED	R2 M3	TR-128	PB290154	P	P	N	N
N,N-Dimethylaniline	121-69-7	DYE/SYN	GAV	R2 M3	TR-360	PB90-227240	SE	NE	NE	NE
3,3'-Dimethylbenzidine dihydrochloride	612-82-8	DYE	WATER	R2	TR-390	PB92-103779	CE	CE		
Dimethyl hydrogen phosphite	868-85-9	FLAM/SYN	GAV	R2 M3	TR-287	PB86-144805	CE	EE	NE	NE
Dimethyl methylphosphonate	756-79-6	FLAM/SYN	GAV	R2 M3	TR-323	PB88-168695	SE	NE	IS	IS
Dimethyl morpholinophosphoramidate	597-25-1	MLTR	GAV	R2 M3	TR-298	PB86-186491	SE	SE	NE	NE
Dimethyl terephthalate	120-61-6	TEXTL/SYN	FEED	R2 M3	TR-121	PB299903	N	N	E	E
N,N-Dimethyl-p-toluidine	99-97-8	INTR/SYN	GAV	R2 M22	TR-579	PB2013-101130	CE	CE	CE	CE
Dimethylvinyl chloride (DMVC)	513-37-1	INTR/SYN	GAV	R2 M3	TR-316	PB87-115184	CE	CE	CE	CE
2,4-Dinitrotoluene	121-14-2	DYE/SYN	FEED	R2 M3	TR-054	PB280990	P	P	N	N
1,4-Dioxane	123-91-1	DYE/SYN	WATER	R1 M3	TR-080	PB285711	P	P	P	P
Dioxathion	78-34-2	PEST/SYN	FEED	R1 M3	TR-125	PB286185	N	N	N	N
Diphenhydramine hydrochloride	147-24-0	PHAR/SYN	FEED	R2 M3	TR-355	PB90-219437	EE	EE	NE	NE
5,5-Diphenylhydantoin (phenytoin)	57-41-0	PHAR/SYN	FEED	R2 M3	TR-404	PB94-216009	EE	NE	NE	NE
Dipropylene glycol	25265-71-8	INTR	WATER	R2 M3	TR-511	PB2005100832	NE	NE	NE	NE
2,5-Dithiobiurea	142-46-1	PHOT/SYN	FEED	R2 M3	TR-132	PB291535	N	N	N	N
Divinylbenzene	1321-74-0	PLAS	INHAL	R2 M22	TR-534	PB2007-103745	EE	NE	NE	NE
Doxylamine	469-21-6	PHAR/SYN	FEED	R2 M3	NR-406/407					
Elmiron (sodium pentosanpolysulfate)	37319-17-8	PHAR/SYN	GAV	R2 M3	TR-512	PB2004-106612	NE	NE	SE	SE
Emetine hydrochloride	316-42-7	CMOT/NATL	IP/ IJ	R8 M3	TR-043	PB278891	IS	IS	IS	IS
Emodin	518-82-1	PHAR/NATL	FEED	R2 M3	TR-493	PB2001-108194	NE	EE	EE	EE
Endocrine disruptor (Ethinyl estradiol)	57-63-6	PHAR/N/S	FEED	R8	TR-548	PB2011-100789	NE	NE		
Endocrine disruptor (Ethinyl estradiol)	57-63-6	PHAR/N/S	FEED	HSD	TR-548	PB2011-100789	NE	EE		
Endocrine disruptor (Ethinyl estradiol)	57-63-6	PHAR/N/S	FEED	HSD	TR-548	PB2011-100789	EE	EE		
Endocrine disruptor (Genistein)	446-72-0	NATL/NATL	FEED	R8	TR-545	PB2008-114279				
Endosulfan	115-29-7	PEST/SYN	FEED	R1 M3	TR-062	PB281731	IS	N	IS	IS
Endrin	72-20-8	PEST/SYN	FEED	R1 M3	TR-012	PB288461	N	N	N	N
Ephedrine sulfate	134-72-5	PHAR/N/S	FEED	R2 M3	TR-307	PB86-247285	NE	NE	NE	NE
Epinephrine hydrochloride	55-31-2	PHAR/NATL	INHAL	R2 M3	TR-380	PB91-142323	IS	IS	IS	IS
1,2-Epoxybutane	106-88-7	FUEL/SYN	INHAL	R2 M3	TR-329	PB88-216262	CE	EE	NE	NE
Erythromycin stearate	643-22-1	PHAR/NATL	FEED	R2 M3	TR-338	PB89-178537	NE	NE	NE	NE
Estradiol mustard	22966-79-6	CMOT	GAV	R8 M3	TR-059	PB285787	N	N	P	P
Ethanol	64-17-5	PHAR/N/S	WATER	MV	TR-510	PB2005-103486			IS	IS
Ethionamide	536-33-4	CMOT/SYN	FEED	R2 M3	TR-046	PB285193	N	N	N	N
Ethyl acrylate	140-88-5	COSM/SYN	GAV	R2 M3	TR-259	PB87-204061	P	P	P	P
Ethylbenzene	100-41-4	FUEL/SYN	INHAL	R2 M3	TR-466	PB99-134694	CE	SE	SE	SE

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Long-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES			
							MR	FR	MM	FM**
Ethylene glycol	107-21-1	TEXTL/SYN	FEED	M3	TR-413	PB93-228427			NE	NE
Ethylene oxide	75-21-8	FUME/SYN	INHAL	M3	TR-326	PB88-169859			CE	CE
Ethylene thiourea (ETU)	96-45-7	PEST/SYN	FEED	R2 M3	TR-388	PB92-191618	CE	CE	CE	CE
Ethyl tellurac	20941-65-5	RUBR/SYN	FEED	R2 M3	TR-152	PB298513	E	N	E	E
Eugenol	97-53-0	PHAR/NATL	FEED	R2 M3	TR-223	PB84-186402	N	N	E	E
FD & C Yellow No. 6	2783-94-0	DYE/SYN	FEED	R2 M3	TR-208	PB82-117433	N	N	N	N
Feed restriction studies	FEEDRESTRICT	FEED	MULTI	R2 M3	TR-460	PB98-131014				
Formulated fenaminosulf	140-56-7	FUNG	FEED	R2 M3	TR-101	PB287443	N	N	N	N
Fenthion	55-38-9	PEST/SYN	FEED	R2 M3	TR-103	PB293832	N	N	E	E
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	FLAM	AQUAT	F1	TR-528	PB 2006-102382				
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	FLAM	AQUAT	F2	TR-528	PB 2006-102382				
Fish Project 1 (Nitromethane)	75-52-5	FUEL	AQUAT	F1	TR-528	PB 2006-102382				
Fish Project 1 (Nitromethane)	75-52-5	FUEL	AQUAT	F2	TR-528	PB 2006-102382				
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	INTR	AQUAT	F1	TR-528	PB 2006-102382				
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	INTR	AQUAT	F2	TR-528	PB 2006-102382				
Fluometuron	2164-17-2	HERB/SYN	FEED	R2 M3	TR-195	PB80-217904	N	N	E	E
Formamide	75-12-7	SOLV/SYN	GAV	R2 M22	TR-541	PB2009-115393	NE	NE	CE	CE
Fumonisin B1	116355-83-0	FEED/NATL	FEED	R2 MV	TR-496	PB2002-103492	CE	NE	NE	NE
Furan	110-00-9	DTRG/N/S	GAV	R2 M3	TR-402	PB93-228419	CE	CE	CE	CE
Furfural	98-01-1	INTR/N/S	GAV	R2 M3	TR-382	PB91-108662	SE	NE	CE	CE
Furfuryl alcohol	98-00-0	FOOD/N/S	INHAL	R2 M3	TR-482	PB99-151482	SE	EE	SE	SE
Furoseamide	54-31-9	PHAR/SYN	FEED	R2 M3	TR-356	PB90-106162	EE	NE	NE	NE
Gallium arsenide	1303-00-0	ELEC/SYN	INHAL	R2 M3	TR-492	PB2001-102003	NE	CE	NE	NE
Geranyl acetate	105-87-3	FOOD/NATL	GAV	R2 M3	TR-252	PB88-174313	N	N	N	N
Ginkgo biloba extract	90045-36-6	DIET/NATL	GAV	R2 M22	TR-578	PB2013-107073	SE	SE	CE	CE
Ginseng	50647-08-0	DIET/NATL	GAV	R2 M22	TR-567	PB2012100177	NE	NE	NE	NE
Glutaraldehyde	111-30-8	ADHS/SYN	INHAL	R2 M3	TR-490	PB2000-1014184	NE	NE	NE	NE
Glycidamide	5694-00-8	LABC/SYN	WATER	RC MV	TR-588	PB2015-102754	CE	CE	CE	CE
Glycidol	556-52-5	SOLV/SYN	GAV	R2 M3	TR-374	PB90-259094	CE	CE	CE	CE
Goldenseal root powder	GOLDENSEALRT	DIET/NATL	FEED	R2 M22	TR-562	PB2011-101388	CE	CE	SE	SE
Green Tea Extract	GREENTEAEXTR	DIET/NATL	GAV	RD RE	TR-585		NE	NE	NE	NE
Guar gum	9000-30-0	FOOD/NATL	FEED	R2 M3	TR-229	PB82-202813	N	N	N	N
Gum Arabic	9000-01-5	FOOD/NATL	FEED	R2 M3	TR-227	PB82-229584	N	N	N	N
HC Blue 1	2784-94-3	DYE/SYN	FEED	R2 M3	TR-271	PB86-114683	EE	SE	CE	CE
HC Blue 2	33229-34-4	DYE/SYN	FEED	R2 M3	TR-293	PB86-108339	NE	NE	NE	NE
HC Red 3	2871-01-4	DYE/SYN	GAV	R2 M3	TR-281	PB86-188075	NE	NE	EE	EE
HC Yellow 4	59820-43-8	DYE/SYN	FEED	R2 M3	TR-419	PB93-123883	EE	NE	NE	NE
Heptachlor	76-44-8	PEST/SYN	FEED	R1 M3	TR-009	PB271967	N	E	P	P
Hexachlorocyclopentadiene	77-47-4	FLAM/SYN	INHAL	R2 M3	TR-437	PB94-214186	NE	NE	NE	NE
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	PEST	GAV	R1 M3	TR-198	PB81-124844	E	P	P	P
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	PEST	SP	M6	TR-202	PB81-124836			N	N
Hexachloroethane	67-72-1	SOLV/SYN	GAV	R1 M3	TR-068	PB282668	N	N	P	P
Hexachloroethane	67-72-1	SOLV/SYN	GAV	R2	TR-361	PB90-170895	CE	NE		
Hexachlorophene	70-30-4	GERM/SYN	FEED	R2	TR-040	PB279525	N	N		
2,4-Hexadienal	142-83-6	FOOD/N/S	GAV	R2 M3	TR-509	PB2004102548	CE	CE	CE	CE
Hexamethyl-p-rosaniline chloride	548-62-9	PHAR/SYN	FEED	R2	NR-338					
Hexamethyl-p-rosaniline chloride	548-62-9	PHAR/SYN	FEED	M3	NR-304					
4-Hexylresorcinol	136-77-6	PHAR/SYN	GAV	R2 M3	TR-330	PB89-128607	NE	NE	EE	EE
Hydrazobenzene	122-66-7	REAG/SYN	FEED	R2 M3	TR-092	PB285791	P	P	N	N
Hydrochlorothiazide	58-93-5	PHAR/SYN	FEED	R2 M3	TR-357	PB90-110156	NE	NE	EE	EE
Hydroquinone	123-31-9	COSM/N/S	GAV	R2 M3	TR-366	PB90-240839	SE	SE	NE	NE
5-(Hydroxymethyl)-2-furfural	67-47-0	NATL/N/S	GAV	R2 M22	TR-554	PB2010-113179	NE	NE	NE	NE
8-Hydroxyquinoline	148-24-3	GERM/N/S	FEED	R2 M3	TR-276	PB85-213361	NE	NE	NE	NE
ICRF-159	21416-87-5	CMOT	IP/IJ	R8 M3	TR-078	PB285853	N	P	N	N
IPD (3,3'-iminobis-1-propanol dimethanesulfonate (ester) hydrochloride)	3458-22-8	CMOT	IP/IJ	R8 M3	TR-018	PB277455	E	E	E	E
Indium phosphide	22398-80-7	ELEC/SYN	INHAL	R2 M3	TR-499	PB2002-100069	CE	CE	CE	CE
Indole-3-carbinol	700-06-1	DIET/N/S	GAV	M3 HSD	TR-584		NE	SE	CE	CE
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	LABC/SYN	SP	M3	TR-441	PB96-214655				
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	LABC/SYN	SP	M5	TR-441	PB96-214655				
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	LABC/SYN	SP	M7 M3 M5	TR-441	PB96-214655				
Interferon AD (AIDS Initiative)	INTERFERONAD	PHAR/NATL	SC/IJ	M3	TR-469	PB99-145807				
Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative)	INTAZTCOMB	PHAR/SYN	SC&GV	M3	TR-469	PB99-145807				
Interferon A (AIDS Initiative)	76543-88-9	PHAR/SYN	SC/IJ	M3	TR-469	PB99-145807				

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							MR	FR	MM	FM**
Iodinated glycerol	5634-39-9	PHAR/SYN	GAV	R2 M3	TR-340	PB90-259102	SE	NE	NE	NE
Iodoform	75-47-8	PHAR/SYN	GAV	R1 M3	TR-110	PB286344	N	N	N	N
Isobutene	115-11-7	RUBR/SYN	INHAL	R2 M3	TR-487	PB99-147670	SE	NE	NE	NE
Isobutyl nitrite	542-56-3	ENVH/SYN	INHAL	R2 M3	TR-448	PB97-120232	CE	CE	SE	SE
Isobutyraldehyde	78-84-2	INTR/N/S	INHAL	R2 M3	TR-472	PB99-134785	NE	NE	NE	NE
Isoeugenol	97-54-1	FOOD/NATL	GAV	R2 M22	TR-551	PB2012111404	EE	NE	CE	CE
Isophorone	78-59-1	INTR/SYN	GAV	R2 M3	TR-291	PB86-181823	SE	NE	EE	EE
Isophosphamide	3778-73-2	CMOT/SYN	IP/IJ	R8 M3	TR-032	PB275677	N	P	N	N
Isoprene	78-79-5	RUBR/N/S	INHAL	R2	TR-486	PB2000-101651	CE	SE		
Kava kava extract	9000-38-8	COSM	GAV	R2 M22	TR-571	PB2012-107445	EE	NE	CE	CE
Lasiocarpine	303-34-4	PHAR/NATL	FEED	R2	TR-039	PB278641	P	P		
Lauric acid diethanolamine condensate	120-40-1	DTRG/SYN	SP	R2 M3	TR-480	PB99-169989	NE	NE	NE	NE
Lead dimethyldithiocarbamate	19010-66-3	OCCH	FEED	R2 M3	TR-151	PB298512	N	N	N	N
Leucomalachite green	129-73-7	FUNG/SYN	FEED	R2 MV	TR-527	PB2005-107573	EE	EE		
D-Limonene	5989-27-5	FOOD/NATL	GAV	R2 M3	TR-347	PB90-231416	CE	NE	NE	NE
Lindane	58-89-9	PEST/SYN	FEED	R1 M3	TR-014	PB273480	N	N	N	N
Lithocholic acid	434-13-9	LABC/NATL	GAV	R2 M3	TR-175	PB288476	N	N	N	N
Locust bean gum	9000-40-2	FOOD/NATL	FEED	R2 M3	TR-221	PB82-163320	N	N	N	N
Magnetic fields (EMF)	ELECTROMAG	ELEC	WB	R2 M3	TR-488	PB99-152886	EE	NE	NE	NE
Malachite green	569-64-2	GERM/SYN	FEED	R2 MV	TR-527	PB2005-107573	EE			
Malaaxon	1634-78-2	PEST/SYN	FEED	R2 M3	TR-135	PB299858	N	N	N	N
Malathion	121-75-5	PEST/SYN	FEED	R1 M3	TR-024	PB278527	N	N	N	N
Malathion	121-75-5	PEST/SYN	FEED	R2	TR-192	PB300301	N	N		
Malonaldehyde, sodium salt	24382-04-5	FOOD/NATL	GAV	R2 M3	TR-331	PB89-204010	CE	CE	NE	NE
Manganese sulfate monohydrate	10034-96-5	DYE/NATL	FEED	R2 M3	TR-428	PB94-217148	NE	NE	EE	EE
D-Mannitol	69-65-8	PHAR/N/S	FEED	R2 M3	TR-236	PB83-129080	N	N	N	N
Melamine	108-78-1	INTR/SYN	FEED	R2 M3	TR-245	PB83-202630	P	N	N	N
DL-menthol	15356-70-4	PHAR/NATL	FEED	R2 M3	TR-098	PB288761	N	N	N	N
2-Mercaptobenzothiazole	149-30-4	RUBR/SYN	GAV	R2 M3	TR-332	PB88-245154	SE	SE	NE	NE
Mercuric chloride	7487-94-7	WOOD/SYN	GAV	R2 M3	TR-408	PB94-101649	SE	EE	EE	EE
Metal Working Fluids: CIMSTAR 3800	CIMSTAR3800	METL/SYN	INHAL	RE RD	TR-586	PB2016102573	EE	EE	NE	NE
Metal Working Fluids: TRIM® VX	TRIMVX	METL/SYN	INHAL	RE M3	TR-591		EE	EE	CE	CE
Methacrylonitrile	126-98-7	INTR/SYN	GAV	R2 M3	TR-497	PB2002-102199	NE	NE	NE	NE
Methoxychlor	72-43-5	PEST/SYN	FEED	R1 M3	TR-035	PB278271	N	N	N	N
8-Methoxypsoralen	298-81-7	PHAR/NATL	GAV	R2	TR-359	PB90-110164	CE	NE		
alpha-Methylbenzyl alcohol	98-85-1	COSM/SYN	GAV	R2 M3	TR-369	PB90-241092	SE	NE	NE	NE
Methyl bromide	74-83-9	FUME/SYN	INHAL	M3	TR-385	PB92-189257			NE	NE
Methyl carbamate	598-55-0	INTR/SYN	GAV	R2 M3	TR-328	PB88-168570	CE	CE	NE	NE
Methyldopa sesquihydrate	41372-08-1	PHAR/SYN	FEED	R2 M3	TR-348	PB89-216527	NE	NE	EE	EE
4,4'-Methylenebis(N,N-dimethyl)benzenamine	101-61-1	DYE/SYN	FEED	R2 M3	TR-186	PB299856	P	P	E	E
Methylene blue trihydrate	7220-79-3	DYE	GAV	R2 M3	TR-540	PB2015-102751	SE	NE	SE	SE
Methylene chloride	75-09-2	SOLV/SYN	INHAL	R2 M3	TR-306	PB86-187903	SE	CE	CE	CE
4,4'-Methylenedianiline dihydrochloride	13552-44-8	INTR	WATER	R2 M3	TR-248	PB83-238824	P	P	P	P
Methyleugenol	93-15-2	FOOD/NATL	GAV	R2 M3	TR-491	PB2000-107865	CE	CE	CE	CE
2-Methylimidazole	693-98-1	INTR/N/S	FEED	R2 M22	TR-516	PB2005-103484	SE	CE	SE	SE
4-Methylimidazole	822-36-6	FOOD/N/S	FEED	R2 M3	TR-535	PB2007-106091	NE	EE	CE	CE
Methyl isobutyl ketone	108-10-1	PNT/SYN	INHAL	R2 M3	TR-538	PB2007-107706	SE	EE	SE	SE
Methyl methacrylate	80-62-6	INTR/N/S	INHAL	R2 M3	TR-314	PB87-146742	NE	NE	NE	NE
2-Methyl-1-nitroanthraquinone	129-15-7	INTR/SYN	FEED	R2 M3	TR-029	PB277439	P	P	P	P
N-Methylolacrylamide	924-42-5	PLAS/SYN	GAV	R2 M3	TR-352	PB90-226374	NE	NE	CE	CE
Methyl parathion	298-00-0	PEST/SYN	FEED	R2 M3	TR-157	PB295891	N	N	N	N
Methylphenidate hydrochloride	298-59-9	PHAR/SYN	FEED	R2 M3	TR-439	PB96-162615	NE	NE	SE	SE
alpha-Methylstyrene	98-83-9	ADHS	INHAL	R2 M22	TR-543	PB2014-104052	SE	NE	EE	EE
Methyl trans-styryl ketone	1896-62-4	COSM/SYN	SP	R2 M22	TR-572	PB2012112090	NE	NE	NE	NE
Mexacarbate	315-18-4	PEST/SYN	FEED	R1 M3	TR-147	PB287471	N	N	N	N
Michler's ketone	90-94-8	DYE/SYN	FEED	R2 M3	TR-181	PB299855	P	P	P	P
Milk thistle extract	84604-20-6	DIET/NATL	FEED	R2 M22	TR-565	PB2011-110858	NE	NE	NE	NE
Mirex	2385-85-5	FLAM/SYN	FEED	R2	TR-313	PB90-241084	CE	CE		
Molybdenum trioxide	1313-27-5	DYE/SYN	INHAL	R2 M3	TR-462	PB98-107048	EE	NE	SE	SE
Monochloroacetic acid	79-11-8	DYE/SYN	GAV	R2 M3	TR-396	PB92-189372	NE	NE	NE	NE
Monuron	150-68-5	HERB/SYN	FEED	R2 M3	TR-266	PB89-109615	CE	NE	NE	NE
beta-Myrcene	123-35-3	COSM/N/S	GAV	R2 M22	TR-557	PB2011-105235	CE	EE	CE	CE
Nalidixic acid	389-08-2	PHAR/SYN	FEED	R2 M3	TR-368	PB90-256389	CE	CE	EE	EE
Naphthalene	91-20-3	INTR/NATL	INHAL	M3	TR-410	PB92-224260/AS			NE	NE
Naphthalene	91-20-3	INTR/NATL	INHAL	R2	TR-500	PB2001-103699	CE	CE		
1,5-Naphthalenediamine	2243-62-1	INTR	FEED	R2 M3	TR-143	PB287646	N	P	P	P
N-(1-Naphthyl)ethylenediamine dihydrochloride	1465-25-4	REAG	FEED	R2 M3	TR-168	PB289733	N	N	N	N
Navy fuels JP-5	8008-20-6	FUEL/N/S	SP	M3	TR-310	PB87-131678			NE	NE
Nickel (II) oxide	1313-99-1	ELEC/N/S	INHAL	R2 M3	TR-451	PB97-116701	SE	SE	NE	NE

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Nickel sulfate hexahydrate	10101-97-0	ADHS/N/S	INHAL	R2 M3	TR-454	PB97-120216	NE	NE	NE	NE
Nickel subsulfide	12035-72-2	ENVH/N/S	INHAL	R2 M3	TR-453	PB97-116784	CE	CE	NE	NE
Nithiazide	139-94-6	PHAR/SYN	FEED	R2 M3	TR-146	PB295897	N	P	P	P
Nitrilotriacetic acid (NTA)	139-13-9	TEXTL/SYN	FEED	R2 M3	TR-006	PB266177	P	P	P	P
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	DTRG	FEED	R2	TR-006	PB266177	P	P		
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	DTRG	FEED	R2 M3	TR-006	PB266177	E	E	N	N
5-Nitroacenaphthene	602-87-9	DYE	FEED	R2 M3	TR-118	PB287347	P	P	N	N
3-Nitro-p-acetophenetide	1777-84-0	PHAR	FEED	R2 M3	TR-133	PB299857	N	N	P	P
p-Nitroaniline	100-01-6	DYE/SYN	GAV	M3	TR-418	PB94-104528			EE	EE
5-Nitro-o-anisidine	99-59-2	INTR	FEED	R2 M3	TR-127	PB287411	P	P	E	E
o-Nitroanisole	91-23-6	DYE/SYN	FEED	R2 M3	TR-416	PB94-109758	CE	CE	CE	CE
4-Nitroanthranilic acid	619-17-0	INTR	FEED	R2 M3	TR-109	PB286942	N	N	N	N
6-Nitrobenzimidazole	94-52-0	INTR	FEED	R2 M3	TR-117	PB293834	N	N	P	P
p-Nitrobenzoic acid	62-23-7	DYE	FEED	R2 M3	TR-442	PB95-226254	NE	SE	NE	NE
Nitrofen	1836-75-5	HERB/SYN	FEED	R2 M3	TR-184	PB296038	N	N	P	P
Nitrofen	1836-75-5	HERB/SYN	FEED	R1 M3	TR-026	PB277440	IS	P	P	P
Nitrofurantoin	67-20-9	PHAR/SYN	FEED	R2 M3	TR-341	PB90-197930	SE	NE	NE	NE
Nitrofurazone	59-87-0	PHAR/SYN	FEED	R2 M3	TR-337	PB89-102388	EE	CE	NE	NE
Nitromethane	75-52-5	FUEL/SYN	INHAL	R2 M3	TR-461	PB97-205967	NE	CE	CE	CE
1-Nitronaphthalene	86-57-7	DYE/SYN	FEED	R2 M3	TR-064	PB282310	N	N	N	N
p-Nitrophenol	100-02-7	PEST/SYN	SP	M6	TR-417	PB94-109667			NE	NE
2-Nitro-p-phenylenediamine	5307-14-2	DYE	FEED	R2 M3	TR-169	PB290304	N	N	N	N
4-Nitro-o-phenylenediamine	99-56-9	REAG/SYN	FEED	R2 M3	TR-180	PB290306	N	N	N	N
3-Nitropropionic acid	504-88-1	FOOD/NATL	GAV	R2 M3	TR-052	PB281102	E	N	N	N
N-Nitrosodiphenylamine	86-30-6	FLAM	FEED	R2 M3	TR-164	PB298275	P	P	N	N
p-Nitrosodiphenylamine	156-10-5	RUBR/SYN	FEED	R2 M3	TR-190	PB291500	P	N	P	P
beta-Nitrostyrene	102-96-5	FUNG	GAV	R2 M3	TR-170	PB300949	N	N	N	N
o-Nitrotoluene	88-72-2	RUBR/SYN	FEED	R2 M3	TR-504	PB2002-108715	CE	CE	CE	CE
p-Nitrotoluene	99-99-0	DYE/SYN	FEED	R2 M3	TR-498	PB2002-108714	EE	SE	EE	EE
5-Nitro-o-toluidine	99-55-8	DYE	FEED	R2 M3	TR-107	PB285872	N	N	P	P
Ochratoxin A	303-47-9	COMT/NATL	GAV	R2	TR-358	PB90-219478	CE	CE		
Oleic acid diethanolamine condensate	93-83-4	COSM/SYN	SP	R2 M3	TR-481	PB99-167561	NE	NE	NE	NE
Oxazepam	604-75-1	PHAR/SYN	FEED	M6 M3	TR-443	PB94-184181			CE	CE
Oxazepam	604-75-1	PHAR/SYN	FEED	R2	TR-468	PB99-120875	EE	NE		
4,4'-Oxydianiline	101-80-4	ADHS/SYN	FEED	R2 M3	TR-205	PB80-217938	P	P	P	P
Oxymetholone	434-07-1	PHAR/SYN	GAV	R2 M3	TR-485	PB2000-101419	EE	CE		
Oxytetracycline hydrochloride	2058-46-0	FEED/SYN	FEED	R2 M3	TR-315	PB87-204103	EE	EE	NE	NE
Ozone	10028-15-6	WATR/NATL	INHAL	R2 M3	TR-440	PB95-226999	NE	NE	EE	EE
Ozone	10028-15-6	WATR/NATL	INHAL	R2 M3	TR-440	PB95-226999	NE	NE	EE	EE
Ozone/NNK	OZONNNKCOMB	NATL/NATL	INHAL	R2	TR-440	PB95-226999				
Parathion	56-38-2	PEST/SYN	FEED	R1 M3	TR-070	PB288803	E	E	N	N
Penicillin VK	132-98-9	PHAR/N/S	GAV	R2 M3	TR-336	PB89-128615	NE	NE	NE	NE
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN	GAV	RE R2 M3	TR-589	PB2016103214	CE	CE	CE	CE
Pentachloroanisole	1825-21-4	PEST	GAV	R2 M3	TR-414	PB94-104536	SE	EE	SE	SE
Pentachloroethane	76-01-7	SOLV/SYN	GAV	R2 M3	TR-232	PB83-206748	E	N	P	P
Pentachloronitrobenzene	82-68-8	PEST/SYN	FEED	R1 M3	TR-061	PB281732	N	N	N	N
Pentachloronitrobenzene	82-68-8	PEST/SYN	FEED	M3	TR-325	PB87-208633			NE	NE
Pentachlorophenol, Dowicide EC-7	87-86-5	WOOD/SYN	FEED	M3	TR-349	PB89-216536			CE	CE
Pentachlorophenol, purified	87-86-5	PEST/SYN	FEED	R2	TR-483	PB99-152878	SE	NE		
Pentachlorophenol, technical	87-86-5	WOOD/SYN	FEED	M3	TR-349	PB89-216536			CE	CE
Pentaerythritol tetranitrate	78-11-5	PHAR/SYN	FEED	R2 M3	TR-365	PB90-219452	EE	EE	NE	NE
Phenazopyridine hydrochloride	136-40-3	PHAR/SYN	FEED	R2 M3	TR-099	PB286207	P	P	N	N
Phenesterin	3546-10-9	CMOT/SYN	GAV	R8 M3	TR-060	PB283361	N	P	P	P
Phenformin hydrochloride	834-28-6	PHAR/SYN	FEED	R2 M3	TR-007	PB266176	N	N	N	N
Phenol	108-95-2	GERM/N/S	WATER	R2 M3	TR-203	PB80-217946	N	N	N	N
Phenolphthalein	77-09-8	PHAR/SYN	FEED	R2 M3	TR-465	PB97-169882	CE	SE	CE	CE
Phenoxybenzamine hydrochloride	63-92-3	PHAR/SYN	IP/IJ	R8 M3	TR-072	PB285095	P	P	P	P
Phenylbutazone	50-33-9	PHAR/SYN	GAV	R2 M3	TR-367	PB90-258765	EE	SE	SE	SE
p-Phenylenediamine dihydrochloride	624-18-0	DYE	FEED	R2 M3	TR-174	PB290124	N	N	N	N
Phenylephrine hydrochloride	61-76-7	PHAR/SYN	FEED	R2 M3	TR-322	PB87-208609	NE	NE	NE	NE
1-Phenyl-3-methyl-5-pyrazolone	89-25-8	DYE	FEED	R2 M3	TR-141	PB287122	N	N	N	N
N-Phenyl-2-naphthylamine	135-88-6	RUBR/SYN	FEED	R2 M3	TR-333	PB88-216270	NE	NE	NE	NE
o-Phenylphenol	90-43-7	FUNG/N/S	SP	M4	TR-301	PB86-217239			NE	NE
N-Phenyl-p-phenylenediamine	101-54-2	COSM	FEED	R2 M3	TR-082	PB285856	N	N	N	N
1-Phenyl-2-thiourea	103-85-5	REAG/SYN	FEED	R2 M3	TR-148	PB287357	N	N	N	N
Phosphamidon	13171-21-6	PEST/SYN	FEED	R1 M3	TR-016	PB288800	E	E	N	N
Photodieldrin	13366-73-9	PEST	FEED	R1 M3	TR-017	PB274393	N	N	N	N
Phthalamide	88-96-0	PNT/SYN	FEED	R2 M3	TR-161	PB293831	N	N	N	N
Phthalic anhydride	85-44-9	INTR/SYN	FEED	R2 M3	TR-159	PB293594	N	N	N	N
Picloram	1918-02-1	HERB/SYN	FEED	R1 M3	TR-023	PB276471	N	E	N	N

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beta-Picoline	108-99-6	SYN	WATER	R2 M22	TR-580	PB2015-102752	NE	SE	EE	EE
Piperonyl butoxide	51-03-6	PEST/N/S	FEED	R2 M3	TR-120	PB288753	N	N	N	N
Piperonyl sulfoxide	120-62-7	N/S/N/S	FEED	R2 M3	TR-124	PB288778	N	N	P	P
Pivalolactone	1955-45-9	INTR/SYN	GAV	R2 M3	TR-140	PB287645	P	P	N	N
Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	FLAM	GAV	R2 M3	TR-244	PB83-240473	P	P	P	P
Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	FLAM	FEED	R2 M3	TR-398	PB94-184066	CE	CE	CE	CE
Polysorbate 80 (glycol)	9005-65-6	COSM/SYN	FEED	R2 M3	TR-415	PB92-189331/AS	EE	NE	NE	NE
Polyvinyl alcohol	9002-89-5	PHAR/SYN	IVAG	M3	TR-474	PB98-148869				
Primidone (primaclone)	125-33-7	PHAR/SYN	FEED	R2 M3	TR-476	PB2001-102004	EE	NE	CE	CE
Probenecid	57-66-9	PHAR/SYN	GAV	R2 M3	TR-395	PB92-129584/AS	NE	NE	NE	NE
Procarbazine hydrochloride	366-70-1	CMOT/SYN	IP/IJ	R8 M3	TR-019	PB299902	P	P	P	P
Proflavin hydrochloride	952-23-8	PHAR/SYN	FEED	R2 M3	TR-005	PB268553	E	N	E	E
Promethazine hydrochloride	58-33-3	PHAR/SYN	GAV	R2 M3	TR-425	PB94-210192	NE	NE	NE	NE
Propargyl alcohol	107-19-7	HERB/SYN	INHAL	R2 M22	TR-552	PB2009-102214	SE	NE	SE	SE
Propylene	115-07-1	INTR/NATL	INHAL	R2 M3	TR-272	PB86-145521	NE	NE	NE	NE
Propylene glycol mono-t-butyl ether	57018-52-7	SOLV/SYN	INHAL	RB R2 M3	TR-515	PB2004-104949	EE	NE	CE	CE
1,2-Propylene oxide	75-56-9	FUME/SYN	INHAL	R2 M3	TR-267	PB85-179653	SE	SE	CE	CE
Propyl gallate	121-79-9	COSM/SYN	FEED	R2 M3	TR-240	PB83-180042	E	N	E	E
Pulegone	89-82-7	DIET/N/S	GAV	R2 M22	TR-563	PB2011-114186	NE	SE	CE	CE
Pyrazinamide	98-96-4	PHAR/SYN	FEED	R2 M3	TR-048	PB280251	N	N	N	N
Pyridine	110-86-1	SOLV/SYN	WATER	R2 R9 M3	TR-470	PB2000-106687	SE	EE	CE	CE
Pyridine	110-86-1	SOLV/SYN	WATER	R9	TR-470	PB2000-106687	EE			
Pyrilamine	91-84-9	PHAR/SYN	FEED	R2 M3	NR-408/409					
Pyrimethamine	58-14-0	PHAR/SYN	FEED	R2 M3	TR-077	PB282608	N	N	IS	IS
Pyrogallol	87-66-1	N/S	SP	R2 M22	TR-574	PB2013-105507	NE	NE	EE	EE
Quercetin	117-39-5	PHAR/NATL	FEED	R2	TR-409	PB93-147478	SE	NE		
Reserpine	50-55-5	PHAR/NATL	FEED	R2 M3	TR-193	PB83-165761	P	N	P	P
Resorcinol	108-46-3	PHAR/SYN	GAV	R2 M3	TR-403	PB93-126381	NE	NE	NE	NE
All-trans-retinyl palmitate	79-81-2	COSM/SYN	SP	MT	TR-568	PB2013-100226				
Rhodamine 6G	989-38-8	DYE/N/S	FEED	R2 M3	TR-364	PB90-219460	EE	EE	NE	NE
Riddelliine	23246-96-0	PHAR/NATL	GAV	R2 M3	TR-508	PB2003-106432	CE	CE	CE	CE
Rotenone	83-79-4	PEST/NATL	FEED	R2 M3	TR-320	PB89-139760	EE	NE	NE	NE
Roxarsone	121-19-7	REAG/SYN	FEED	R2 M3	TR-345	PB89-216543	EE	NE	NE	NE
Safflower oil	8001-23-8	DIET/NATL	GAV	R2	TR-426	PB95-103958				
Salicylazosulfapyridine	599-79-1	PHAR/SYN	GAV	R2 M3	TR-457	PB97-212708	SE	SE	CE	CE
Scopolamine hydrobromide trihydrate	6533-68-2	PHAR/SYN	GAV	R2 M3	TR-445	PB97-208946	NE	NE	NE	NE
Selenium sulfide	7446-34-6	COSM/NATL	GAV	R2 M3	TR-194	PB82-164955	P	P	N	N
Selenium sulfide	7446-34-6	COSM/NATL	SP	M4	TR-197	PB82-165291			N	N
Selsun	EMTDP-74	COSM/N/S	SP	M4	TR-199	PB82-164542			N	N
Sodium azide	26628-22-8	FUME/SYN	GAV	R2	TR-389	PB92-135615	NE	NE		
Sodium dichromate dihydrate (VI)	7789-12-0	ENVH/SYN	WATER	R2 M22	TR-546	PB2008-114134	CE	CE	CE	CE
Sodium diethyldithiocarbamate	148-18-5	INTR/SYN	FEED	R2 M3	TR-172	PB293833	N	N	N	N
Sodium Fluoride	7681-49-4	ADHS/N/S	WATER	R2 M3	TR-393	PB91-178137	EE	NE	NE	NE
Sodium nitrite	7632-00-0	INTR/SYN	WATER	R2 M3	TR-495	PB2001-107676	NE	NE	NE	NE
Sodium xylenesulfonate	1300-72-7	DTRG/SYN	SP	R2 M3	TR-464	PB98-168719	NE	NE	NE	NE
Stannous chloride	7772-99-8	DYE/SYN	FEED	R2 M3	TR-231	PB82-242553	E	N	N	N
Stoddard solvent (type LIC)	64742-88-7	ADHS/SYN	INHAL	R2 M3	TR-519	PB2005-103487	SE	NE	NE	NE
Styrene	100-42-5	RUBR/SYN	GAV	R2 M3	TR-185	PB300977	N	N	E	E
Styrene-acrylonitrile trimer	SANTRIMER2	PLAS	FEED	R2	TR-573	PB2012112739	NE	NE		
Succinic anhydride	108-30-5	FOOD/SYN	GAV	R2 M3	TR-373	PB90-231135	NE	NE	NE	NE
Sulfallate	95-06-7	HERB/SYN	FEED	R1 M3	TR-115	PB286386	P	P	P	P
Sulfamethazine	57-68-1	PHAR/SYN	FEED	R2	NR-420					
Sulfamethazine	57-68-1	PHAR/SYN	FEED	M3	NR-418					
Sulfisoxazole	127-69-5	PHAR/SYN	GAV	R2 M3	TR-138	PB288779	N	N	N	N
3-Sulfolene	77-79-2	SOLV/SYN	GAV	R1 M3	TR-102	PB284656	N	N	N	N
4,4'-Sulfonyldianiline (Dapsone)	80-08-0	PHAR/SYN	FEED	R2 M3	TR-020	PB274394	P	N	N	N
Talc	14807-96-6	COSM/NATL	INHAL	R2 M3	TR-421	PB94-215985	SE	CE	NE	NE
Tara gum	39300-88-4	FOOD/NATL	FEED	R2 M3	TR-224	PB82-195546	N	N	N	N
Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153)	TEFBINARYMIX	ELEC/SYN	GAV	HSD	TR-530	PB2008109743	CE			
Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran))	57117-31-4	ELEC/N/S	GAV	HSD	TR-525	PB2007-103746	SE			
Toxic equivalency factor evaluation (PCB 118)	31508-00-6	COMT/SYN	GAV	HSD	TR-559	PB2011-103866	CE			
Toxic equivalency factor evaluation (PCB Mixture; PCB 126/PCB 118)	TEFPCBMIX	ELEC/SYN	GAV	HSD	TR-531	PB2007-103748	CE			
Toxic equivalency factor evaluation (TCDD)	1746-01-6	LABC/SYN	GAV	HSD	TR-521	PB 2006-112291	CE			
Tetrabromobisphenol A	79-94-7	FLAM	GAV	RE RD M22	TR-587	PB2015-102753	EE	CE	SE	SE

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3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	M22 HSD	TR-558	PB2011-104500	CE	CE	CE	CE
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	PEST/SYN	GAV	R1 M3	TR-209	PB82-163445	P	P	P	P
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	PEST/SYN	SP	M6	TR-201	PB82-163684			E	E
Tetrachlorodiphenylethane	72-54-8	PEST/SYN	FEED	R1 M3	TR-131	PB286367	E	N	N	N
1,1,1,2-Tetrachloroethane	630-20-6	INTR	GAV	R2 M3	TR-237	PB83-218206	E	N	P	P
1,1,2,2-Tetrachloroethane	79-34-5	SOLV/SYN	GAV	R1 M3	TR-027	PB277453	E	N	P	P
Tetrachloroethylene	127-18-4	FUME/SYN	GAV	R1 M3	TR-013	PB272940	IS	IS	P	P
Tetrachloroethylene	127-18-4	FUME/SYN	INHAL	R2 M3	TR-311	PB87-147054	CE	SE	CE	CE
2,3,5,6-Tetrachloro-4-nitroanisole	2438-88-2	PEST	FEED	R2 M3	TR-114	PB287642	N	N	N	N
Tetrachlorvinphos	961-11-5	PEST	FEED	R1 M3	TR-033	PB278650	N	P	P	P
Tetracycline hydrochloride	64-75-5	PHAR/NATL	FEED	R2 M3	TR-344	PB90-198540	NE	NE	NE	NE
Tetraethylthiuram disulfide	97-77-8	PEST/SYN	FEED	R2 M3	TR-166	PB298514	N	N	N	N
Tetrafluoroethylene	116-14-3	FOOD/SYN	INHAL	R2 M3	TR-450	PB97-208508	CE	CE	CE	CE
1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	PHAR/NATL	GAV	R2 M3	TR-446	PB97-182208	NE	NE	EE	EE
Tetrahydrofuran	109-99-9	FDPK/SYN	INHAL	R2 M3	TR-475	PB98-164544	SE	NE	NE	NE
Tetrakis(hydroxymethyl)phosphonium chloride	124-64-1	FLAM/SYN	GAV	R2 M3	TR-296	PB87-204137	NE	NE	NE	NE
Tetrakis(hydroxymethyl)phosphonium sulfate	55566-30-8	FLAM/SYN	GAV	R2 M3	TR-296	PB87-204137	NE	NE	NE	NE
Tetralin	119-64-2	SOLV/SYN	INHAL	R2 RB M3	TR-561	PB2011-110773	SE	SE	NE	NE
Tetranitromethane	509-14-8	FUEL/SYN	INHAL	R2 M3	TR-386	PB91-113373	CE	CE	CE	CE
Theophylline	58-55-9	PHAR/NATL	GAV	R2 M3	TR-473	PB99-113342	NE	NE	NE	NE
4,4'-Thiobis(6-tert-butyl-m-cresol)	96-69-5	FDPK/SYN	FEED	R2 M3	TR-435	PB95-225751	NE	NE	NE	NE
4,4'-Thiodianiline	139-65-1	DYE/SYN	FEED	R2 M3	TR-047	PB280360	P	P	P	P
beta-Thioguanidine deoxyriboside	789-61-7	CMOT/NATL	IP/IJ	R8 M3	TR-057	PB281540	E	P	IS	IS
alpha/beta Thujone mixture	76231-76-0	COSM/NATL	GAV	R2 M22	TR-570	PB2012-102007	SE	NE	NE	NE
Titanium dioxide	13463-67-7	PHAR/N/S	FEED	R2 M3	TR-097	PB288780	N	N	N	N
Titanocene dichloride	1271-19-8	INTR/SYN	GAV	R2 M3	TR-399	PB92-129576/AS	EE	EE		
Tolazamide	1156-19-0	PHAR/SYN	FEED	R2 M3	TR-051	PB284610	N	N	N	N
Tolbutamide	64-77-7	PHAR/SYN	FEED	R2 M3	TR-031	PB274483	N	N	N	N
Toluene	108-88-3	FUEL/N/S	INHAL	R2 M3	TR-371	PB90-256371	NE	NE	NE	NE
2,6-Toluenediamine dihydrochloride (2,6-diaminotoluene dihydrochloride)	15481-70-6	INTR/SYN	FEED	R2 M3	TR-200	PB80-217912	N	N	N	N
2,5-Toluenediamine sulfate	6369-59-1	COSM	FEED	R2 M3	TR-126	PB287127	N	N	N	N
2,4- & 2,6-Toluene diisocyanate	26471-62-5	PLAS	GAV	R2 M3	TR-251	PB87-115176	P	P	N	N
o-Toluidine hydrochloride	636-21-5	DYE	FEED	R2 M3	TR-153	PB290908	P	P	P	P
Toxaphene	8001-35-2	PEST/SYN	FEED	R1 M3	TR-037	PB292290	E	E	P	P
Toxic equivalency factor evaluation (Dioxin TEFDIOXINMIX mixture)		ELEC/SYN	GAV	HSD	TR-526	PB2007-103747			CE	
Toxic equivalency factor evaluation (PCB 153- 2,2'-4,4',5,5'-hexachlorobiphenyl)	35065-27-1	ELEC/SYN	GAV	HSD	TR-529	PB 2006-113416			EE	
Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl)	57465-28-8	ELEC/SYN	GAV	HSD	TR-520	PB 2006-109013			CE	
Tremolite	14567-73-8	GLAS/NATL	FEED	R2	TR-277	PB90-226572	N	N		
Triamterene	396-01-0	PHAR/SYN	FEED	R2 M3	TR-420	PB94-213782	EE	NE	SE	SE
Tribromomethane	75-25-2	INTR/SYN	GAV	R2 M3	TR-350	PB90-110149	SE	CE	NE	NE
Tricaprylin	538-23-8	FOOD/NATL	GAV	R2	TR-426	PB95-103958				
1,1,1-Trichloroethane	71-55-6	SOLV/SYN	GAV	R1 M3	TR-003	PB265082	IS	IS	IS	IS
1,1,2-Trichloroethane	79-00-5	SOLV/SYN	GAV	R1 M3	TR-074	PB283337	N	N	P	P
Trichloroethylene	79-01-6	ADHS/SYN	GAV	R1 M3	TR-002	PB264122	N	N	P	P
Trichloroethylene	79-01-6	ADHS/SYN	GAV	R4 R3	TR-273	PB88-218896	IS	IS		
Trichloroethylene	79-01-6	ADHS/SYN	GAV	R6 R1	TR-273	PB88-218896	IS	IS		
Trichloroethylene	79-01-6	ADHS/SYN	GAV	R2 M3	TR-243	PB91-111815	IS	N	P	P
Trichlorofluoromethane	75-69-4	SOLV/SYN	GAV	R1 M3	TR-106	PB286187	IS	IS	N	N
2,4,6-Trichlorophenol	88-06-2	HERB/SYN	FEED	R2 M3	TR-155	PB293770	P	N	P	P
1,2,3-Trichloropropane	96-18-4	PNT/SYN	GAV	R2 M3	TR-384	PB94-207784	CE	CE	CE	CE
Tricresyl Phosphate	1330-78-5	FLAM/SYN	FEED	R2 M3	TR-433	PB95-227377	NE	NE	NE	NE
Triethanolamine	102-71-6	COSM/SYN	SP	R2 M3 M7	TR-449	PB2000-102846	EE	NE	IS	IS
Triethanolamine	102-71-6	COSM/SYN	SP	M22	TR-518	PB2004-106613			EE	EE
Trifluralin	1582-09-8	HERB/SYN	FEED	R1 M3	TR-034	PB278610	N	N	N	N
2,4,5-Trimethylaniline	137-17-7	DYE	FEED	R2 M3	TR-160	PB293802	P	P	E	E
Trimethylolpropane triacrylate	15625-89-5	ADHS	SP	R2 M3	TR-576	PB2013-103565	EE	NE	NE	NE
Trimethylphosphate	512-56-1	FUEL	GAV	R2 M3	TR-081	PB285851	P	N	N	N
Trimethylthiourea	2489-77-2	ADHS	FEED	R2 M3	TR-129	PB288802	N	P	N	N
Triphenyltin hydroxide	76-87-9	PEST/SYN	FEED	R2 M3	TR-139	PB287399	N	N	N	N
Tripolidine	486-12-4	PHAR/SYN	FEED	R2 M3	NR-414/415					
tris(Aziridinyl)-phosphine sulfide (Thio-TEPA)	52-24-4	CMOT/SYN	IP/IJ	R8 M3	TR-058	PB285702	P	P	P	P
Tris(2-Chloroethyl) Phosphate	115-96-8	FLAM/SYN	GAV	R2 M3	TR-391	PB92-105147	CE	CE	EE	EE
tris(2,3-Dibromopropyl) phosphate	126-72-7	FLAM/SYN	FEED	R2 M3	TR-076	PB280271	P	P	P	P
tris(2-Ethylhexyl)phosphate	78-42-2	FLAM	GAV	R2 M3	TR-274	PB85-171502	EE	NE	NE	NE

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Trisodium ethylenediaminetetraacetate trihydrate (EDTA)	150-38-9	FOOD/SYN	FEED	R2 M3	TR-011	PB270938	N	N	N	N
L-Tryptophan	73-22-3	DIET/NATL	FEED	R2 M3	TR-071	PB285792	N	N	N	N
Turmeric, oleoresin (curcumin)	8024-37-1	FOOD/NATL	FEED	R2 M3	TR-427	PB94-184173	NE	EE	EE	EE
Urethane	51-79-6	PNT/SYN	WATER	MV	TR-510	PB2005-103486			CE	CE
Urethane + ethanol (combination)	URETHCOMB	PNT/N/S	WATER	MV	TR-510	PB2005-103486			CE	CE
Vanadium pentoxide	1314-62-1	INTR/NATL	INHAL	R2 M3	TR-507	PB2003102385	SE	EE	CE	CE
4-Vinylcyclohexene	100-40-3	INTR	GAV	R2 M3	TR-303	PB87-116182	IS	IS	IS	IS
4-Vinyl-1-cyclohexene diepoxide	106-87-6	INTR	SP	R2 M3	TR-362	PB90-219957	CE	CE	CE	CE
Vinylidene Chloride	75-35-4	INTR/SYN	INHAL	R2 M22	TR-582	PB2016102571	CE	SE	CE	CE
Vinylidene Chloride	75-35-4	INTR/SYN	GAV	R2 M3	TR-228	PB82-258393	N	N	N	N
Vinyl toluene	25013-15-4	SOLV/SYN	INHAL	R2 M3	TR-375	PB90-260035	NE	NE	NE	NE
Water disinfection byproducts (Bromochloroacetic acid)	5589-96-8	WATR/SYN	WATER	R2 M22	TR-549	PB2010-100853	CE	CE	CE	CE
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	ENVH/NATL	WATER	RD M22	TR-583	PB2016102572	CE	CE	CE	CE
Water disinfection byproducts (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	R2 M22	TR-532	PB 2006-111415	NE			
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	WATR/SYN	WATER	R2 M3	TR-537	PB2008-109733	SE	SE	CE	CE
Water disinfection byproducts (Dibromoacetonitrile)	3252-43-5	INTR	WATER	R2 M22	TR-544	PB2010-114243	CE	SE	CE	CE
Water disinfection byproducts (Sodium chlorate)	7775-09-9	WATR/SYN	WATER	R2 M3	TR-517	PB 2006-107479	SE	SE	NE	NE
Xylenes (mixed)	1330-20-7	FUEL/SYN	GAV	R2 M3	TR-327	PB87-189684	NE	NE	NE	NE
2,6-Xylidine	87-62-7	DYE/SYN	FEED	RA	TR-278	PB90-256363	P	P		
Zearalenone	17924-92-4	PHAR/NATL	FEED	R2 M3	TR-235	PB83-165753	N	N	P	P
Ziram	137-30-4	RUBR/SYN	FEED	R2 M3	TR-238	PB83-202622	P	N	N	N

*+ MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of Carcnogen Codes

Ref No. 17

Long-Term Exposure Studies for Which Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	COMMENTS	FOOTNOTE REFERENCE
Actinomycin D	50-76-0	CMOT/NATL	IP/IJ	R8 M4	A
Agaritine	2757-90-6	CMOT/NATL	WATER	M4	E
3-Amino-9-ethylcarbazole	132-32-1	DYE	FEED	R2 M3	
Amsacrine	51264-14-3	CMOT/SYN	IP/IJ	R2 M3	
L-Arginine Glutamate	4320-30-3	NATL	FEED	R2 M1	
Azathioprine	446-86-6	PHAR/SYN	IP/IJ	R8 M4	A
Benzyl chloride	100-44-7	INTR/SYN	GAV	R2 M3	RESULTS REPORTED IN JOURNAL ARTICLE
1,3-bis(Chloroethyl)-1-nitrosourea	154-93-8	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
bis(Chloromethyl) ether	542-88-1	INTR	INHAL	R8 H1	
1,3-Butadiene	106-99-0	INTR/N/S	INHAL	M3	Q
Calcium chromate	13765-19-0	INTR/SYN	INHAL	R8 H1	
Carbon tetrachloride	56-23-5	INTR/SYN	GAV	R1 M3	
Chlorambucil	305-03-3	CMOT/SYN	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
Chloromethyl methyl ether	107-30-2	INTR/SYN	INHAL	R8 H1	
Chromium	7440-47-3	INTR/NATL	INHAL	R8 H1	
Cyclohexanone	108-94-1	SOLV/SYN	WATER	R2 M3	RESULTS REPORTED IN JOURNAL ARTICLE
Cyclophosphamide	50-18-0	CMOT/SYN	IP/IJ	R8 M4	A
Cytarabine	147-94-4	PHAR/SYN	IP/IJ	R8 M4	A
Cytoxal alcohol	4465-94-5	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
Dacarbazine	4342-03-4	CMOT/SYN	IP/IJ	R8 M4	A
Daunomycin	20830-81-3	CMOT/NATL	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
o,p'-DDD	53-19-0	PEST/SYN	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
Dibromodulcitol	10318-26-0	CMOT/SYN	IP/IJ	R8 M4	A
Dibromomannitol	488-41-5	CMOT/SYN	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
Dichloromethotrexate	528-74-5	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE
Dimethylcarbamoyl chloride	79-44-7	INTR	INHAL	R8 H1	
Dimethyl hydrazine (DMH)	57-14-7	FUEL/SYN	INHAL	M1	
1,2-Dimethylhydrazine 2HCl	306-37-6	FUEL	FEED	R2	

Ref No. 17

Long-Term Exposure Studies for Which Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	COMMENTS	FOOTNOTE REFERENCE
Epichlorohydrin	106-89-8	INTR/SYN	INHAL	R8	
Furan	110-00-9	DTRG/N/S	GAV	RC	9/12/16 is the actual date that the final NCTR report was sent to Nigel. There may still be a publication at a later date, but I don't have a date for it as of yet. Please let me know if you need anything else. Amy Changed status to complete-sl 10/20/16
Guanazole	1455-77-2	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE A
Hexanamide	628-02-4	INTR	FEED	R2 M1	
Hydroxyurea	127-07-1	CMOT/SYN	IP/IJ	R8 M4	A
Lomustine	13010-47-4	CMOT/SYN	IP/IJ	R8 M4	A
Melphalan	148-82-3	CMOT/SYN	IP/IJ	R8 M4	A
6-Mercaptopurine	50-44-2	CMOT/SYN	IP/IJ	R8 M4	A
Merphalan	531-76-0	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE A
Methapyrilene hydrochloride	135-23-9	PHAR/SYN	FEED	R2 M3	RESULTS REPORTED IN JOURNAL ARTICLE F
Methotrexate	59-05-2	CMOT/SYN	IP/IJ	R8 M4	A
Methyl CCNU	13909-09-6	CMOT	IP/IJ	R8 M4	A
Methyl isocyanate	624-83-9	INTR/SYN	INHAL	NA	R
6-Methylmercaptopyrimidine ribonucleoside	342-69-8	CMOT	IP/IJ	R8 M4	A
2-Methyl-1-nitroanthraquinone	129-15-7	INTR/SYN	FEED	M3	RESULTS REPORTED IN JOURNAL ARTICLE D
Mitomycin C	50-07-7	CMOT/N/S	IP/IJ	R8 M4	A
Mouse ageing study	MOUSEAGE			M3	RESULTS REPORTED IN JOURNAL ARTICLE O
Nitrofurazone	59-87-0	PHAR/SYN	FEED	M3	
NTP 90 diet study	DIET90	FEED/SYN	FEED	M3 NA	N
NTP 91/92 diet study	DIET9192	FEED/SYN	FEED	R2	N
Polyurethane	9009-54-5	RUBR	INHAL	R8 H1	
Prednisone	53-03-2	CMOT/N/S	IP/IJ	R8 M4	A
Procarbazine hydrochloride	366-70-1	CMOT/SYN	IP/IJ	R8 M4	A
Rotenone	83-79-4	PEST/NATL	IP/IJ	R2	RESULTS REPORTED IN NCTR REPORT M
Sodium Fluoride	7681-49-4	ADHS/N/S	WATER	R2	Supplemental study P
Streptozotocin	18883-66-4	CMOT/NATL	IP/IJ	R8 M4	A
Styrene oxide	96-09-3	INTR	GAV	R2 M3	RESULTS REPORTED IN JOURNAL ARTICLE K
p-Tolylurea	622-51-5	LABC	FEED	R2 M1	
Uracil mustard	66-75-1	CMOT/SYN	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE A
Vinblastine	865-21-4	CMOT/NATL	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE A
Vincristine	57-22-7	CMOT/NATL	IP/IJ	R8 M4	A
Wollastonite calcium silicates	13983-17-0	PNT/NATL	INHAL	R2	RESULTS REPORTED IN JOURNAL ARTICLE I

With the exception of those documents available only through the National Technical Information Service* the following papers are available upon request from the Central Data Management (CDM) (TELEPHONE: 919-541-3419; FAX: (301) 480-3210; Mail Drop K2-05, NIEHS, P. O. BOX 12233, Research Triangle Park, NC USA 27709; EMAIL: CDM@NIEHS.NIH.GOV) .

A EK Weisburger, Bioassay Program for Carcinogenic Hazards of Cancer Chemotherapeutic Agents. Cancer 40:1935-1949 (1977)

D ASK Murthy, JR Baker, ER Smith, GG Wade, Development of Hemangiosarcomas in B6C3F1 Mice Fed 2-Methyl-1-Nitroanthraquinone. Int. J. Cancer 19:117-121 (1977)

E B Toth, CR Raha, L Wallcave, D Nagel, Attempted Tumor Induction with Agaritine in Mice. Anticancer Res 1:255-258 (1981)

F W Lijinsky, MD Reuber, BN Blackwell, Liver Tumors Induced in Rats by Oral Administration of the Antihistaminic Methapyrilene Hydrochloride. Science 209:817-819 (1980)

H W Lijinsky, Chronic Bioassay of Benzyl Chloride in F344 Rats and (C57BL/6JXBALB/C)F1 Mice. J Natl Cancer Inst. 1986 Jun;76(6):1231-6.

I McConnell EE, Hall L, Adkins B Jr., Studies on the Chronic Toxicity (Inhalation) of Wollastonite in Fischer 344 Rats. Inhalation Toxicology 3:323-337 (1991).

J Lijinsky W, RM Kovatch, Chronic Toxicity Study of Cyclohexanone in Rats and Mice. J Natl Cancer Inst. 1986 Oct;77(4):941-9.

K W Lijinsky. Rat and Mouse Forestomach Tumors Induced by Chronic Oral Administration of Styrene Oxide. J Natl Cancer Inst. 1986 Aug;77(2):471-6.

M Tumorigenic Potential of Rotenone and its Specificity for Mammary Tissue, published by National Center for Toxicological Research (NCTR Experiment No. 216). Call NCTR (501-543-7115) for availability of document.

N GN Rao, J Edmondson and MR Elwell. Influence of dietary fat and fiber on growth and tumor incidences in Fischer 344 rats (presented in an abstract at the 33rd annual meeting of the Society of Toxicology in March 1994). Toxicologist 14(1):303, 1994.

O GN Rao. Growth, Body Weight Patterns, and life Span of the B6C3F1 Mouse. Pathology of the Mouse (R. Maronpot, Ed.) Cache River Press, Vienna, IL. (1999)

P Supplemental 2-Year Sodium Fluoride Male Rat Study (available on NTP website <http://ntp.niehs.nih.gov/go/16389>)

Q Bucher JR, Melnick RL, and Hildebrandt PK. Lack of Carcinogenicity in Mice Exposed Once to High Concentrations of 1,3-Butadiene. J. Nat. Cancer Inst 85: 1866-1867 (1993).

R Bucher JR, Uraih LC, Hildebrandt PK, Sauer RM and Seely JC. Carcinogenicity and Pulmonary Pathology Associated with a Single 2-Hour Inhalation Exposure of Laboratory Rodents to Methyl Isocyanate. J. Nat. Cancer Inst 81:1586-1587 (1989).

* National Technical Information Service, Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, Phone: 1-800-553-6847 or (703)487-4650.

Appendix

Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS USE NUMBER		ROUTE	SPECIES
Abrasive blasting agents (coal slag)	COALSLAG	IND/NATL	INHAL	RD
Abrasive blasting agents (crushed glass)	CRUSHEDGLASS	IND/NATL	INHAL	RD
Abrasive blasting agents (garnet)	GARNET	IND/NATL	INHAL	RD
Acetaminophen (4-hydroxyacetanilide)	103-90-2	DYE/SYN	GAV	R2
Acetochlor	34256-82-1	HERB/SYN	GAV	HSD
Acetonitrile	75-05-8	SOLV/SYN	INHAL	R2 M3
Acrylamide	79-06-1	COMT/SYN	FEED	RC MV
Adeno-associated viral vector (hEPO)	AAVIRVECEPO	N/S	ID/CN	MW
Adenoviral vector (hGH)	ADNVIRVECHGH	N/S	ID/CN	R2
Adenoviral Vector (AdhAQP1)	ADNVIRVECAQP		ID/CN	R2
Allyl bromide	106-95-6	COSM/SYN	SP	MI
Ametryn	834-12-8	HERB	GAV	HSD
9-Aminoacridine hydrochloride	134-50-9	PHAR/SYN	SP	R2 M3
9-Aminoacridine hydrochloride	134-50-9	PHAR/SYN	FEED	R2 M3
2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid	130-17-6	INTR	FEED	R2 M3
3-Aminopyridine	462-08-8	DYE/SYN	GAV	RD M3
2-Aminopyridine	504-29-0	INTR/SYN	GAV	RD M3
4-Aminopyridine	504-24-5	INTR/SYN	GAV	RD M3
Comparison study of Aminopyridines/Troponin levels	AMINOPYRCOMP	DYE/N/A	GAV	RD M3
Androstenedione	63-05-8	DIET/SYN	GAV	R2 M3
Androstenedione	63-05-8	DIET/SYN	SP	R2 M3
Arsenic antioxidant mixture	ANTIOXCOMBO2		WATER	ME
Arsenic antioxidant mixture	ANTIOXCOMBO2		WATER	MN
Antioxidant model (TRAMP) - N-acetylcysteine	616-91-1	PHAR/SYN	GAV	MU M1
Antioxidant model (TRAMP) - Epigallocatechin gallate	989-51-5	PHAR/SYN	GAV	M1 MU
Antioxidant model (TRAMP) - NAO (spinach extract)	NAOSPINEXTR	PHAR/NATL	GAV	MU M1
Arsine	7784-42-1	ELEC/SYN	INHAL	H1 NA
3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine	AZTDDCCOMB	CMOT/SYN	GAV	M3
3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)	AZTDDICOMB	PHAR/SYN	GAV	M3
Azodicarbonamide	123-77-3	RUBR/SYN	INHAL	R2 M3
AZT + Methadone HCl (AIDS)	AZTMETHCOMB	PHAR/SYN	GAV	M3
AZT + Nitazoxanide (AIDS Initiative)	AZT+NITAZOX	PHAR/SYN	GAV	M3
AZT + TMP/SMX (mixture) combination	AZTTMPMSX	PHAR	GAV	M3
AZT + TMP/SMX (mixture) combination	AZTTMPMSX	PHAR	GAV	M3
Benzidine dihydrochloride	531-85-1	DYE	WATER	R2
Benzonitrile	100-47-0	INTR/N/S	GAV	R2 M3
Benzyl acetate + glycine combination study	GLYCINEBENZA		FEED	R2
Benzyltrimethyl ammonium chloride	56-93-9	DYE	SP	R2 M3
2,2-bis(Bromomethyl)-1,3-propanediol	3296-90-0	FLAM/SYN	GAV	R2 M3
Bisphenol A	80-05-7	INTR/SYN	GAV	HSD
Black Cohosh	84776-26-1	DIET/NATL	GAV	M3
Black Cohosh	84776-26-1	DIET/NATL	GAV	M3
Black Cohosh	84776-26-1	DIET/NATL	GAV	RE
Bromobenzene	108-86-1	INTR/SYN	INHAL	R2 M3
Bromobenzene	108-86-1	INTR/SYN	GAV	R2 M3
1,3-Butadiene	106-99-0	INTR/N/S	INHAL	R2
n-Butyl Glycidyl Ether	2426-08-6	INTR/SYN	INHAL	RD M3
tert-Butyl hydroperoxide	75-91-2	INTR/SYN	SP	R2 M3
tert-Butyl hydroperoxide	75-91-2	INTR/SYN	GAV	R2 M3
tert-Butylphenyl Diphenyl Phosphate	56803-37-3		GAV	HSD

Appendix

Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Butyraldehyde	123-72-8	FOOD/NATL	GAV	R2 M3
Caffeine	58-08-2	PHAR/NATL	WATER	R2 M3
DL-Camphor	76-22-2	PLAS/N/S	SP	R2 M3
Carbaryl	63-25-2	PEST/SYN	GAV	HSD
Carbon disulfide	75-15-0	SOLV/SYN	INHAL	NA
Carbon disulfide	75-15-0	SOLV/SYN	INHAL	R2
Carbon disulfide	75-15-0	SOLV/SYN	INHAL	M1
Cardio Transmitter Gene Evaluation	CARDIOGENEVL	PHAR	N/A	M2
Carisoprodol	78-44-4	PHAR/SYN	GAV	R2 M3
Chloramphenicol sodium succinate	982-57-0	PHAR/N/S	FEED	R2 M3
3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone(MX)	77439-76-0	COMT	WATER	M3
bis(2-Chloroethoxy)methane	111-91-1	SOLV/SYN	GAV	M3
bis(2-Chloroethoxy)methane	111-91-1	SOLV/SYN	GAV	MZ 63 M15
4-Chloro-2-nitroaniline	89-63-4	DYE/SYN	GAV	R2 M3
Chloroprene	126-99-8	PLAS/SYN	INHAL	MD
Chloroprene	126-99-8	PLAS/SYN	INHAL	ML MI ME
1-Chloro-2-propanol, technical	127-00-4	INTR/SYN	INHAL	R2 M3
o-Chloropyridine	109-09-1	COSM/SYN	SP	R2 M3
C.I. Phthalocyanine green	1328-53-6	DYE	FEED	R2 M3
C.I. Direct Blue 6	2602-46-2	COSM	WATER	R2
1,8-Cineol	470-82-6	PHAR/NATL	MICRO	R2 M3
1,8-Cineol	470-82-6	PHAR/NATL	GAV	R2 M3
Cinnamaldehyde	104-55-2	FOOD/N/S	FEED	R2 M3
trans-Cinnamaldehyde	14371-10-9	FOOD/NATL	GAV	R2
Citral	5392-40-5	FOOD/NATL	GAV	R2 M3
Citral	5392-40-5	FOOD/NATL	MICRO	R2 M3
p-Cresidine	120-71-8	DYE	FEED	MA M8 M9
Crotonaldehyde	4170-30-3	INTR/SYN	GAV	R2 M3
Cumene hydroperoxide	80-15-9	INTR/SYN	SP	R2 M3
Cyclanilide	113136-77-9	FERT	GAV	HSD
2-Cyclohexen-1-one	930-68-7	INTR/SYN	INHAL	R2 M3
Cyclohexene oxide	286-20-4	IND/SYN	SP	R2 M3
Cyclohexene oxide	286-20-4	IND/SYN	GAV	R2 M3
Cyclohexene oxide	286-20-4	IND/SYN	GAV	R2 M3
Cyfluthrin	68359-37-5	PEST	GAV	HSD
Cyprodinil	121552-61-2	FUNG	GAV	HSD
2,4-Decadienal	25152-84-5	FOOD/N/S	GAV	R2 M3
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	FUNG/SYN	GAV	R2 M3
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	FUNG/SYN	SP	R2 M3
5,6-Dichloro-2-benzothiazolamine	24072-75-1	INTR	FEED	R2 M3
cis & trans 1,2-Dichloroethylene	540-59-0	SOLV/SYN	MICRO	R2 M3
cis-1,2-Dichloroethylene	156-59-2	SOLV	MICRO	R2 M3
trans-1,2-Dichloroethylene	156-60-5	SOLV	MICRO	R2 M3
trans-1,2-Dichloroethylene	156-60-5	SOLV	GAV	R2 M3
2,3-Dichloropropylene	78-88-6	PEST/SYN	INHAL	R2 M3
2',3'-Dideoxycytidine	7481-89-2	PHAR/SYN	GAV	R2 M3
2',3'-Dideoxycytidine	7481-89-2	PHAR/SYN	GAV	M3
2',3'-Dideoxycytidine	7481-89-2	PHAR/SYN	GAV	M3 MB
Diet Evaluation Study		DIETEVAL	FEED/N/A	MY
Di(2-ethylhexyl) Phthalate	117-81-7	PLAS/SYN	GAV	HSD
Di(2-ethylhexyl) Phthalate	117-81-7	PLAS/SYN	IVOR	RH
1,2-Dihydro-2,2,4-trimethylquinoline (polymer)	26780-96-1	RUBR	SP	R2 M3
Dimethylaminopropyl chloride, hydrochloride	5407-04-5	INTR/SYN	GAV	R2 M3
N,N-Dimethyl-p-toluidine	99-97-8	INTR/SYN	GAV	HSD
Divinylbenzene	1321-74-0	PLAS	INHAL	HSD
Ephedrine + caffeine combination	EPHEDCOMBO	PHAR/NATL	GAV	M3
Ephedrine + caffeine combination	EPHEDCOMBO	PHAR/NATL	GAV	MZ M15 63
Estragole	140-67-0	FOOD/NATL	GAV	HSD
Ethoxyquin	91-53-2	FOOD/SYN	FEED	R2 M3
2-Ethylhexyl Diphenyl Phosphate	1241-94-7		GAV	HSD
2-ethyltoluene	611-14-3	LABC	INHAL	HSD M22
3-ethyltoluene	620-14-4	LABC	INHAL	HSD M22
4-ethyltoluene	622-96-8	FUEL	INHAL	R8 M22
Ethyl vinyl ketone	1629-58-9	INTR/N/S	INHAL	R2 M3
Ferrocene	102-54-5	FUEL/SYN	INHAL	R2 M3
Flusilazole	85509-19-9	FUNG/SYN	GAV	HSD
Flutamide	13311-84-7	CMOT/SYN	GAV	HSD
Formaldehyde	50-00-0	DYE/NATL	INHAL	M3
Formaldehyde	50-00-0	DYE/NATL	INHAL	M1 C3B6 B6129
Gallium oxide	12024-21-4	METL/NATL	INHAL	R2 M3
Glucosamine	3416-24-8	DIET/NATL	GAV	ZO ZL

Appendix

Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Glucosamine Hydrochloride + Chondroitin Sulfate	GLUCOSCHONDN	DIET	GAV	ZL ZO
Glyoxal	107-22-2	PAPR/SYN	WATER	R2 M3
Gum Guggul Extract	GUMGUGGULEXT	DIET/NATL	GAV	M3 HSD
Indoxacarb	173584-44-6	FUME	GAV	HSD
Insertional mutagenesis (Radiation Levels)	INSERTMUTRAD	LABC/N/A	WB	MG
Insertional mutagenesis II (SIN vector)	INSERTMUT2	LABC	IV	MG
Insertional mutagenesis (LTR/SIN vectors)	INSERTMUT	LABC	IV	MG
Interferon AD + ddC (AIDS Initiative)	INTDDCCOMB	PHAR/SYN	SC/IJ	M3
Ionic liquid Toxicity	IONICLIQUIDS	SYN	WATER	M3 HSD
Isodecyl Diphenyl Phosphate	29761-21-5	PLAS	GAV	HSD
Isopropylated Phenol Phosphate	68937-41-7	FLAM/SYN	GAV	HSD
Lead(2+) acetate	301-04-2	PHAR/SYN	FEED	R2
Lead contaminated soil	PBCONTAMSOIL	COMT/NATL	FEED	R2
Lead ores	LEADORES	METL/NATL	FEED	R2
Lead oxide	1317-36-8	INTR/N/S	FEED	R2
Lead sulfide	1314-87-0	PNT/NATL	FEED	R2
Lead sulfide	1314-87-0	PNT/NATL	FEED	R2
Lipopolysaccharides from Escherichia coli	ECOLI_LPS	COMT/NATL	IP/IJ	HSD
Magnetic fields (EMF)	ELECTROMAG	ELEC	WB	MD MC
Melamine + Cyanuric Acid combination	MELCYANCOMB	ADHS/SYN	GAV	RC
Melatonin	73-31-4	DIET/N/S	GAV	R2 R5
Melatonin	73-31-4	DIET/N/S	GAV	R5 R2
2-Mercaptobenzimidazole	583-39-1	ELEC/SYN	INHAL	R2 M3
2-Mercaptobenzimidazole	583-39-1	ELEC/SYN	INHAL	R2 M3
Metal working fluids (Syntilo 1023)	SYNTILO1023	METL/SYN	INHAL	RE M3
Metal working fluids (Trim SC210)	TRIMSC210	METL/SYN	INHAL	RD M3
Methapyrilene hydrochloride	135-23-9	PHAR/SYN	FEED	R2 M3
Methdilazine	1982-37-2	PHAR/SYN	GAV	R2 M3
6-Methoxy-2-benzothiazolamine	1747-60-0	INTR	FEED	R2 M3
2-Methoxy-4-nitroaniline	97-52-9	SYN	FEED	M3 HSD
4-(6-Methyl-2-benzothiazolyl)-benzenamine	92-36-4	INTR	FEED	R2 M3
Methyl coumarin	92-48-8	FOOD/NATL	GAV	R2 M3
Methylene blue trihydrate	7220-79-3	DYE	GAV	R2 M3
Methylene blue trihydrate	7220-79-3	DYE	GAV	R2 M3
Methyleugenol (TGMX rat liver evaluation)	93-15-2		GAV	RD
3-Methyl-6-methoxy-2-amino-benzothiazolium chloride	EMTDP-76	INTR	FEED	R2 M3
3-Methyl-6-methoxy-2-amino-benzothiazolium chloride	EMTDP-76	INTR	GAV	R2
alpha-Methylstyrene	98-83-9	ADHS	INHAL	R2 M3
Methyl trans-styryl ketone	1896-62-4	COSM/SYN	SP	R2 M3
Methyl trans-styryl ketone	1896-62-4	COSM/SYN	FEED	R2 M3
Methyl vinyl ketone	78-94-4	PHAR/SYN	INHAL	R2 M3
Microcystin-LA (TGMX)	96180-79-9	COMT/NATL	IV	RE
Microcystin-LR (TGMX)	101043-37-2	COMT/NATL	IV	RE
Microcystin mixture (TGMX)	MICROCYSTNMX	NATL/NATL	IV	RE
Nanoscale material (Quantum dots)	QUANTUMDOTS	NANO/SYN	SP	M0
Nanoscale material (Rutile titanium dioxide)	1317-80-2	NANO/N/S	SP	ME
NCT/DETR standardization experiment (APAP & AMAP)	NCTSTANDARD	N/A	GAV	MZ
Nitrobenzene	98-95-3	SOLV/SYN	SP	R2 M3
m-Nitrobenzoic acid	121-92-6	INTR	FEED	R2 M3
5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	LABC	SP	R2 M3
5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	LABC	FEED	R2 M3
N-Nitrosodiethanolamine	1116-54-7	COMT/SYN	WATER	R2 NA
N-Nitrosodimethylamine (TGMX rat liver evaluation)	62-75-9		WATER	RD
p-Nitrotoluene	99-99-0	DYE/SYN	GAV	R2 M3
NTP-2000 diet	DIET2000	FEED/SYN	FEED	R2
NTP-88 diet study (EGMBE)	DIET88+EGMBE	SOLV/SYN	WATER	R2 M3
NTP-88 diet study (EGMEE)	DIET88+EGMEE	SOLV/SYN	WATER	R2 M3
NTP-88 diet study (EGMME)	DIET88+EGMME	SOLV/SYN	WATER	R2 M3
NTP-88 diet study (m-Nitrotoluene)	DIET88+MNITR	DYE	FEED	R2 M3
NTP-88 diet study (o-Nitrotoluene)	DIET88+ONITR	DYE	FEED	R2 M3
NTP-88 diet study (p-Nitrotoluene)	DIET88+PNITR	DYE	FEED	R2 M3
Oxymetholone	434-07-1	PHAR/SYN	FEED	R2 M3
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN	GAV	RE
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	FLAM/SYN	GAV	RE
3,3,4,4,5-Pentachlorobiphenyl (PCB 126)	57465-28-8	ELEC/SYN	GAV	RE
Perfluorooctanoic Acid	335-67-1	ELEC/SYN	GAV	HSD
Peroxisome project (Dibutyl phthalate)	84-74-2	PEST/SYN	FEED	M3 H1 HSD

Appendix

Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Peroxisome project (2,4-Dichlorophenoxyacetic acid)	94-75-7	PEST/SYN	FEED	M3 H1 HSD
Peroxisome project (Gemfibrozil)	25812-30-0	PHAR/SYN	FEED	M3 H1 HSD
Phenobarbital	50-06-6	PHAR/SYN	GAV	RE
Phosphine	7803-51-2	PEST/NATL	INHAL	R2 M3
Pregnancy Rate Comparison Study	PREGRATECOMP	N/A	N/A	HSDI HSDD
Prevention 1 (Melatonin)	73-31-4	DIET/NATL	GAV	MA
Prevention 2 (Melatonin)	73-31-4	PHAR/N/S	FEED	MA
Prevention 2 (Silymarin)	65666-07-1	PHAR/NATL	FEED	MA
Prevention 2 (Silymarin + melatonin)	SILYMARN+MEL	DIET/N/S	FEED	MA
Prevention 3 (Melatonin)	73-31-4	PHAR/N/S	FEED	MA
Prevention 6 (low isoflavone soy protein powder)	ISOFLAVSOYPT	FOOD/NATL	FEED	MA
Prevention 4 (Curcumin)	458-37-7	FOOD/NATL	FEED	MA
Prevention 7 (feed controls)	PREVENTION7	FEED	FEED	MA
Prevention 1 (Flaxseed oil)	8001-26-1	DIET/NATL	GAV	MA
Prevention 1 (Flaxseed oil + melatonin)	FLAXSEED+MEL	DIET/N/S	GAV	MA
Prevention 4 (Indole-3-carbinol)	700-06-1	FOOD/N/S	FEED	MA
Prevention 6 (isoflavone concentrate)	ISOFLAVCONCN	NATL/NATL	FEED	MA
Prevention 4 (Melatonin)	73-31-4	PHAR/NATL	FEED	MA
Prevention 5 (Melatonin)	73-31-4	PHAR/N/S	FEED	MA
Prevention 4 (Melatonin + curcumin)	MEL+CURCUMIN	DYE/NATL	FEED	MA
Prevention 4 (Melatonin + indole-3-carbinol)	MEL+INDOLCAR	PHAR	FEED	MA
Prevention 10 (Soy isoflavone concentrate)	PREVENTION10	NATL/NATL	FEED	MA
Propantheline bromide	50-34-0	PHAR/SYN	FEED	R2 M3
Pyridine	110-86-1	SOLV/SYN	GAV	M3
2,5-Pyridinedicarboxylic Acid, Dipropyl Ester	136-45-8	HERB/SYN	GAV	HSD
QT drugs (bepriidil hydrochloride)	74764-40-2	PHAR/SYN	CAPS	O3
QT drugs (diltiazem hydrochloride)	33286-22-5	PHAR/SYN	CAPS	O3
QT drugs (Loratadine)	79794-75-5	PHAR/SYN	CAPS	O3
QT drugs (Lovastatin)	75330-75-5	PHAR/SYN	CAPS	O3
QT drugs (sotalol hydrochloride)	959-24-0	PHAR/SYN	CAPS	O3
QT drugs (terfenadine)	50679-08-8	PHAR/SYN	CAPS	O3
Rat feed study (TGMX rat liver evaluation)	TGMXRALVFEED	N/A	FEED	RD
Reserpine	50-55-5	PHAR/NATL	FEED	M9 M8 MA
Retinoid project 2 (4-(Hydroxyphenyl)retinamide)	65646-68-6	PHAR/N/S	FEED	MA
Retinoid project 1	RETINOID1	PHAR/N/S	FEED	MA
Retinoid project 3 (Retinol acetate)	127-47-9	PHAR/N/S	FEED	MA
Retinoid project 4 (4-(Hydroxyphenyl)retinamide)	65646-68-6	PHAR/N/S	FEED	MA
Retinoid project 5 (4-(Hydroxyphenyl)retinamide)	65646-68-6	PHAR/N/S	FEED	MA
Retinoid project 6 (Arotinoid)	125533-88-2	PHAR/N/S	FEED	MA
Retinoid project 3 (Arotinoid)	125533-88-2	PHAR/N/S	FEED	MA
Retinoid project 5 (Arotinoid)	125533-88-2	CMOT	FEED	MA
Retinoid project 6 (4-HPR)	65646-68-6	PHAR/N/S	FEED	MA
Retroviral vectors	RETROVIRVECT	PHAR	IP/IJ	M3
Retroviral vectors	RETROVIRVECT	PHAR	IP/IJ	R2
Retroviral vectors	RETROVIRVECT	PHAR	WB	R2 MD M3
Retroviral vectors	RETROVIRVECT	PHAR	IV	MD M3
Scopolamine hydrobromide trihydrate	6533-68-2	PHAR/SYN	WATER	R2 M3
Silica, crystalline - quartz	14808-60-7	ELEC/NATL	INHAL	R2
Silica, crystalline - quartz	14808-60-7	ELEC/NATL	INHAL	R2
Silica, crystalline - quartz	14808-60-7	ELEC/NATL	INHAL	R2
Simazine	122-34-9	HERB/SYN	GAV	HSD
Styrene	100-42-5	RUBR/SYN	INHAL	R2 M3
Tebufenpyrad	119168-77-3	PEST	GAV	HSD
TEF transgenics (PCB 126)	57465-28-8		SP	ME
TEF transgenics (PCB 126 / PECDF mixture)	TEFTGMIXTURE		SP	ME
TEF transgenics (PECDF)	57117-31-4		SP	ME
TEF transgenics (TCDD)	1746-01-6		SP	ME
Tetrabromobisphenol A	79-94-7	FLAM	GAV	RE
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	ENVH/SYN	GAV	MM MK
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	ENVH/SYN	GAV	RE
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	R8
1,1,2,2-Tetrachloroethane	79-34-5	SOLV/SYN	GAV	R2 M3
Tetradecanoyl phorbol acetate (TPA)	16561-29-8	REAG/NATL	SP	ME
Tetrahydrofuran	109-99-9	FDPK/SYN	GAV	R2 M3
4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5	FDPK/SYN	FEED	R2 M3
Thiophene	110-02-1	PHAR/N/S	INHAL	R2 M3
D-alpha-Tocopheryl acetate	58-95-7	DIET/NATL	GAV	R2 R8

Appendix

Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX)	TGMXFLAVCLAS	FOOD/N/S	GAV	RD
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	INTR/SYN	WATER	MD
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	INTR/SYN	SP	ME
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	TEXL/N/S	SP	ME
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	TEXL/N/S	SP	MD
Transgenic LECM (Furfuryl alcohol)	98-00-0	FOOD/N/S	SP	ME
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	DTRG/SYN	SP	MD
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	DTRG/SYN	SP	ME
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	COSM/SYN	SP	MD
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	COSM/SYN	SP	ME
Transgenic LECM (Pentachlorophenol)	87-86-5	PEST/SYN	FEED	MD
Transgenic LECM (Pentachlorophenol)	87-86-5	PEST/SYN	SP	ME
Transgenic LECM (Pyridine)	110-86-1	SOLV/SYN	WATER	MD
Transgenic LECM (Pyridine)	110-86-1	SOLV/SYN	SP	ME
Transgenic LECM (Tetradecanoyl phorbol acetate (TPA))	16561-29-8	NATL/NATL	SP	MN
Transgenic LEP (p-Anisidine hydrochloride)	20265-97-8	INTR/SYN	FEED	MO MH
Transgenic LEP (Cyclosporin A)	59865-13-3	PHAR/NATL	GAV	MO MH
Transgenic LEP (Melphalan)	148-82-3	CMOT/SYN	GAV	MO MH
Transgenic LEP (p-Cresidine)	120-71-8	DYE	FEED	MH MO
Transgenic LEP (Resorcinol)	108-46-3	PHAR/SYN	GAV	MH MO
Transgenic LEP (Vinyl carbamate)	15805-73-9	INTR/SYN	IP/IJ	MH MO
Transgenic model evaluation (p-Anisidine HCl)	20265-97-8	DYE	SP	ME
Transgenic model evaluation (Bromodichloromethane)	75-27-4	INTR/SYN	GAV	MP
Transgenic model evaluation (Bromodichloromethane)	75-27-4	INTR/SYN	WATER	MP
Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	CMOT/SYN	SP	MI MN
Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	CMOT/SYN	GAV	MI MN
Transgenic model evaluation (Cyclosporin A)	59865-13-3	PHAR/N/S	GAV	ME
Transgenic model evaluation (Cyclosporin A)	59865-13-3	PHAR/N/S	GAV	MD
Transgenic model evaluation (DES)	56-53-1	PHAR/SYN	SP	ME
Transgenic model evaluation (DES)	56-53-1	PHAR/SYN	SC/IJ	MD
Transgenic model evaluation (DES)	56-53-1	PHAR/SYN	SP	MI MN
Transgenic model evaluation (DES)	56-53-1	PHAR/SYN	GAV	MN MI
Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	DYE/SYN	SP	ME
Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	DYE/SYN	FEED	MD
Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	SYN	SP	ME
Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	SYN	FEED	MD
Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	PLAS/SYN	SP	MN
Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	PLAS/SYN	FEED	MN
Transgenic model evaluation (Ethinyl estradiol)	57-63-6	PHAR/N/S	SP	MI MN
Transgenic model evaluation (Ethinyl estradiol)	57-63-6	PHAR/N/S	GAV	MI MN
Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	GERM/N/S	SP	ME
Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	GERM/N/S	FEED	MD
Transgenic model evaluation (Melphalan)	148-82-3	CMOT/SYN	SP	ME
Transgenic model evaluation (Melphalan)	148-82-3	CMOT/SYN	IP/IJ	MD
Transgenic model evaluation (Melphalan)	148-82-3	CMOT/SYN	SP	MI MN
Transgenic model evaluation (Melphalan)	148-82-3	CMOT/SYN	GAV	MN MI
Transgenic model evaluation (Melphalan)	148-82-3	CMOT/SYN	GAV	MI
Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	PLAS/SYN	GAV	ME

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Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	PLAS/SYN	SP	ME
Transgenic model evaluation (Methylphenidate hydrochloride)	298-59-9	PHAR/SYN	FEED	ME MD
Transgenic model evaluation (Phenolphthalein)	77-09-8	PHAR/SYN	FEED	MD
Transgenic model evaluation (Resorcinol)	108-46-3	PHAR/SYN	SP	ME
Transgenic model evaluation (Resorcinol)	108-46-3	PHAR/SYN	GAV	MD
Transgenic model evaluation (Rotenone)	83-79-4	PEST/NATL	SP	ME
Transgenic model evaluation (Rotenone)	83-79-4	PEST/NATL	FEED	MD
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	COMT/SYN	SP	ME
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	COMT/SYN	GAV	MD
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	COMT/SYN	GAV	ME
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	COMT/SYN	SP	ME
Transgenic model evaluation (WY-14643)	50892-23-4	PHAR/SYN	SP	MN
Transgenic model evaluation (WY-14643)	50892-23-4	PHAR/SYN	FEED	MN
Transgenic LECM (diethanolamine)	111-42-2	TEXL/SYN	SP	MN
Triamterene	396-01-0	PHAR/SYN	FEED	R2 M3
Trichlorfon	52-68-6	PEST/SYN	FEED	R2 M3
Trichloroethylene	79-01-6	ADHS/SYN	FEED	R2
Trichloroethylene	79-01-6	ADHS/SYN	GAV	R2
1,2,3-Trichloropropane	96-18-4	PNT/SYN	GAV	R2 M3
Triclosan	3380-34-5	COSM/SYN	GAV	HSD
Tricresyl Phosphate	1330-78-5	FLAM/SYN	GAV	HSD
Tricresyl Phosphate	1330-78-5	FLAM/SYN	GAV	R2 M3
Triethanolamine	102-71-6	COSM/SYN	WATER	R2 M3
Triethanolamine	102-71-6	COSM/SYN	SP	R2 M3
Triethanolamine	102-71-6	COSM/SYN	INHAL	R2 M3
Trimellitic anhydride	552-30-7	INTR/SYN	FEED	R2 M3
Trimellitic anhydride	552-30-7	INTR/SYN	GAV	R2 M3
Tripelennamine hydrochloride	154-69-8	PHAR/SYN	FEED	R2 M3
Triphenyl Phosphate	115-86-6	FLAM/SYN	GAV	HSD
Vincamine	1617-90-9	DIET/NATL	GAV	M3 HSD
Vinclozolin	50471-44-8	FUNG/SYN	GAV	HSD
Vinylidene fluoride	75-38-7	SOLV/SYN	INHAL	R2 M3
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	ENVH/NATL	WATER	R2 M3
Water disinfection byproducts (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	R2 M3
Water disinfection byproducts (Bromodichloromethane)	75-27-4	FLAM/SYN	GAV	R2 M3
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	WATR/SYN	WATER	R2 M3
Water disinfection byproducts (Dichloroacetic acid)	79-43-6	GERM/SYN	WATER	R2 M3
Welding fumes	STEELWELDFUM	METL		
Wyeth 14,643 (WY)	50892-23-4	PHAR/SYN	GAV	HSD

Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location				Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location			
CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
				57-22-7	Vincristine	50	17
50-00-0	Formaldehyde	52	*	57-41-0	5,5-Diphenylhydantoin (phenytoin)	43	16
50-00-0	Formaldehyde	52	*	57-63-6	Endocrine disruptor (Ethinyl estradiol)	43	16
50-06-6	Phenobarbital	54	*	57-63-6	Endocrine disruptor (Ethinyl estradiol)	43	16
50-07-7	Mitomycin C	50	17	57-63-6	Endocrine disruptor (Ethinyl estradiol)	43	16
50-18-0	Cyclophosphamide	49	17	57-63-6	Endocrine disruptor (Ethinyl estradiol)	43	16
50-29-3	Dichlorodiphenyltrichloroethane (DDT)	43	16	57-63-6	Ethinyl estradiol	33	5
50-33-9	Phenylbutazone	46	16	57-63-6	Transgenic model evaluation (Ethinyl estradiol)	55	*
50-34-0	Propantheline bromide	54	*	57-63-6	Transgenic model evaluation (Ethinyl estradiol)	55	*
50-44-2	6-Mercaptopurine	50	17	57-63-6	Transgenic model evaluation (Ethinyl estradiol)	55	*
50-55-5	Reserpine	47	16	57-66-9	Probencicid	47	16
50-55-5	Reserpine	54	*	57-68-1	Sulfamethazine	47	16
50-76-0	Actinomycin D	49	17	57-68-1	Sulfamethazine	47	16
50-81-7	L-Ascorbic acid	40	16	57-74-9	Chlordane (analytical grade)	41	16
51-03-6	Piperonyl butoxide	47	16	@ 57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
51-79-6	Urethane	39	16	@ 57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
51-79-6	Urethane	49	16	@ 57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
@ 51-79-6	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	39	16	@ 57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
@ 51-79-6	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	49	16	@ 57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
52-24-4	tris(Aziridinyl)-phosphine sulfide (Thio-TEPA)	48	16	@ 57-97-6	Magnetic fields + DMBA initiation promotion (Primary CASRN is EMF+DMBA)	38	16
52-68-6	Trichlorfon	56	*	58-08-2	Caffeine	52	*
53-03-2	Prednisone	50	17	@ 58-08-2	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	52	*
53-19-0	o,p'-DDD	49	17	@ 58-08-2	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	52	*
54-31-9	Furosemide	44	16	58-14-0	Pyrimethamine	47	16
@ 54-85-3	AZT + Isoniazid (AIDS Initiative) (Primary CASRN is AZTISONIAZID)	36	16	58-33-3	Promethazine hydrochloride	39	16
55-31-2	Epinephrine hydrochloride	43	16	58-33-3	Promethazine hydrochloride	47	16
55-38-9	Fenthion	44	16	58-55-9	Theophylline	39	16
56-23-5	Carbon tetrachloride	49	17	58-55-9	Theophylline	39	16
@ 56-23-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16	58-55-9	Theophylline	48	16
56-38-2	Parathion	46	16	58-89-9	Lindane	45	16
@ 56-40-6	Benzyl acetate + glycine combination study (Primary CASRN is GLYCINEBENZA)	51	*	58-93-5	Hydrochlorothiazide	44	16
56-53-1	Transgenic model evaluation (DES)	55	*	@ 58-95-7	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*
56-53-1	Transgenic model evaluation (DES)	55	*	@ 58-95-7	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*
56-53-1	Transgenic model evaluation (DES)	55	*	58-95-7	D-alpha-Tocopheryl acetate	54	*
56-53-1	Transgenic model evaluation (DES)	55	*	59-05-2	Methotrexate	50	17
56-72-4	Coumaphos	42	16	59-87-0	Nitrofurazone	46	16
56-93-9	Benzyltrimethyl ammonium chloride	37	16	59-87-0	Nitrofurazone	50	17
56-93-9	Benzyltrimethyl ammonium chloride	51	*	60-13-9	DL-amphetamine sulfate	40	16
56-93-9	Benzyltrimethyl ammonium chloride	37	16	60-51-5	Dimethoate	43	16
57-06-7	Allyl isothiocyanate	40	16	60-57-1	Dieldrin	43	16
@ 57-14-7	Asbestos, chrysotile(IR) + Dimethyl hydrazine (Primary CASRN is 12001-29-5)	40	16	60-57-1	Dieldrin	43	16
@ 57-14-7	Asbestos, chrysotile(IR) + Dimethyl hydrazine (Primary CASRN is 12001-29-5)	40	16	61-76-7	Phenylephrine hydrochloride	46	16
57-14-7	Dimethyl hydrazine (DMH)	49	17	62-23-7	p-Nitrobenzoic acid	39	16
				62-23-7	p-Nitrobenzoic acid	46	16

@ Denotes multiple CASRNs for study -- see following line for primary CASRN

* See Appendix, Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location				Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location			
CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
62-73-7	Dichlorvos	43	16	@ 71-55-6	Chemical mixture - drinking water contaminants	37	16
62-73-7	Dichlorvos	43	16		(Primary CASRN is CHEMMIXH20)		
62-75-9	N-Nitrosodimethylamine (TGMX rat liver evaluation)	53	*	71-55-6	Halogenated ethanes CS (1,1,1-Trichloroethane)	38	16
63-05-8	Androstenedione	51	*	71-55-6	1,1,1-Trichloroethane	48	16
63-05-8	Androstenedione	51	*	71-55-6	1,1,1-Trichloroethane	39	16
63-05-8	Androstenedione	40	16	72-20-8	Endrin	43	16
63-25-2	Carbaryl	52	*	72-43-5	Methoxychlor	45	16
63-92-3	Phenoxybenzamine hydrochloride	46	16	72-54-8	Tetrachlorodiphenylethane	48	16
64-17-5	Ethanol	43	16	72-55-9	p,p'-Dichlorodiphenyl dichloroethylene	42	16
@ 64-17-5	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	39	16	72-56-0	Di(p-ethylphenyl)dichloroethane	43	16
@ 64-17-5	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	49	16	73-22-3	L-Tryptophan	49	16
64-18-6	Formic acid	38	16	73-31-4	Melatonin	53	*
64-75-5	Tetracycline hydrochloride	48	16	73-31-4	Melatonin	53	*
64-77-7	Tolbutamide	48	16	73-31-4	Prevention 1 (Melatonin)	54	*
66-75-1	Uracil mustard	50	17	73-31-4	Prevention 2 (Melatonin)	54	*
@ 66-84-2	Glucosamine Hydrochloride + Chondroitin Sulfate (Primary CASRN is GLUCOSCHONDN)	53	*	@ 73-31-4	Prevention 2 (Silymarin + melatonin) (Primary CASRN is SILLYMARN+MEL)	54	*
67-20-9	Nitrofurantoin	46	16	73-31-4	Prevention 3 (Melatonin)	54	*
67-47-0	5-(Hydroxymethyl)-2-furfural	38	16	@ 73-31-4	Prevention 1 (Flaxseed oil + melatonin) (Primary CASRN is FLAXSEED+MEL)	54	*
67-47-0	5-(Hydroxymethyl)-2-furfural	44	16				
@ 67-56-1	Crude MCHM (Primary CASRN is CRUDEMCHM)	33	5	73-31-4	Prevention 4 (Melatonin)	54	*
67-64-1	Acetone	36	16	73-31-4	Prevention 5 (Melatonin)	54	*
@ 67-64-1	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	@ 73-31-4	Prevention 4 (Melatonin + curcumin) (Primary CASRN is MEL+CURCUMIN)	54	*
@ 67-66-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	@ 73-31-4	Prevention 4 (Melatonin + indole- 3-carbinol) (Primary CASRN is MEL+INDOLCAR)	54	*
67-66-3	Chloroform	41	16				
67-72-1	Halogenated ethanes CS (Hexachloroethane)	38	16	74-83-9	Methyl bromide	38	16
67-72-1	Hexachloroethane	44	16	74-83-9	Methyl bromide	45	16
67-72-1	Hexachloroethane	44	16	74-83-9	Methyl bromide	38	16
68-12-2	Dimethylformamide		16	74-94-2	Dimethylamine Borane	33	5
@ 68-26-8	Retinoid project 1 (Primary CASRN is RETINOID1)	54	*	74-96-4	Bromoethane (ethyl bromide)	41	16
69-65-8	D-Mannitol	45	16	75-00-3	Chloroethane	41	16
@ 70-25-7	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	75-05-8	Acetonitrile	51	*
@ 70-25-7	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	75-05-8	Acetonitrile	40	16
@ 70-25-7	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	@ 75-09-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
@ 70-25-7	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	75-09-2	Methylene chloride	45	16
70-30-4	Hexachlorophene	44	16	75-12-7	Formamide	38	16
70-55-3	p-Toluenesulfonamide	39	16	75-12-7	Formamide	44	16
71-43-2	Benzene	41	16	75-15-0	Carbon disulfide	52	*
@ 71-43-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	75-15-0	Carbon disulfide	52	*
71-43-2	Transgenic model evaluation II (Benzene)	36	16	75-15-0	Carbon disulfide	52	*
				75-21-8	Ethylene oxide	44	16
				@ 75-25-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
				75-25-2	Tribromomethane	48	16
				75-27-4	Bromodichloromethane	41	16

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CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
75-27-4	Transgenic model evaluation (Bromodichloromethane)	55	*	77-47-4	Hexachlorocyclopentadiene	44	16
75-27-4	Transgenic model evaluation (Bromodichloromethane)	55	*	77-65-6	Carbromal	41	16
75-27-4	Water disinfection byproducts (Bromodichloromethane)	56	*	77-79-2	3-Sulfolene	47	16
75-27-4	Water disinfection byproducts (Bromodichloromethane)	56	*	78-11-5	Pentaerythritol tetranitrate	46	16
75-27-4	Water disinfection byproducts (Bromodichloromethane)	49	16	78-34-2	Dioxathion	43	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-42-2	tris(2-Ethylhexyl)phosphate	48	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-44-4	Carisoprodol	52	*
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-44-4	Carisoprodol	37	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-44-4	Carisoprodol		16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-59-1	Isophorone	45	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-79-5	Isoprene	38	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-79-5	Isoprene	45	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-79-5	Isoprene		16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-84-2	Isobutyraldehyde	38	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-84-2	Isobutyraldehyde	45	16
75-27-4	Water disinfection model (Bromodichloromethane)	36	16	78-87-5	1,2-Dichloropropane (propylene dichloride)	43	16
@ 75-34-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	@ 78-87-5	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16
75-34-3	1,1-Dichloroethane	43	16	78-88-6	2,3-Dichloropropylene	52	*
@ 75-35-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	78-94-4	Methyl vinyl ketone	53	*
75-35-4	Vinylidene Chloride	49	16	79-00-5	1,1,2-Trichloroethane	48	16
75-35-4	Vinylidene Chloride	49	16	@ 79-01-6	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
75-38-7	Vinylidene fluoride	56	*	79-01-6	Trichloroethylene	48	16
75-47-8	Iodoform	45	16	79-01-6	Trichloroethylene	48	16
75-52-5	Fish Project 1 (Nitromethane)	44	16	79-01-6	Trichloroethylene	48	16
75-52-5	Fish Project 1 (Nitromethane)	44	16	79-01-6	Trichloroethylene	48	16
75-52-5	Nitromethane	46	16	79-01-6	Trichloroethylene	56	*
75-56-9	1,2-Propylene oxide	47	16	79-01-6	Trichloroethylene	56	*
75-65-0	tert-Butyl alcohol	41	16	79-06-1	Acrylamide	32	5
75-65-0	tert-Butyl alcohol	37	16	79-06-1	Acrylamide	40	16
75-69-4	Trichlorofluoromethane	48	16	79-06-1	Acrylamide	51	*
75-91-2	tert-Butyl hydroperoxide	51	*	79-11-8	Monochloroacetic acid	45	16
75-91-2	tert-Butyl hydroperoxide	51	*	79-27-6	Halogenated ethanes CS (1,1,2,2-Tetrabromoethane)	38	16
75-95-6	Halogenated ethanes CS (Pentabromoethane)	38	16	79-34-5	Halogenated ethanes CS (1,1,2,2-Tetrachloroethane)	38	16
76-01-7	Halogenated ethanes CS (Pentachloroethane)	38	16	79-34-5	1,1,2,2-Tetrachloroethane	48	16
76-01-7	Pentachloroethane	46	16	79-34-5	1,1,2,2-Tetrachloroethane	39	16
76-06-2	Chloropicrin	42	16	79-34-5	1,1,2,2-Tetrachloroethane	54	*
76-12-0	Halogenated ethanes CS (1,2- Difluoro-1,1,2,2- tetrachloroethane)	38	16	79-34-5	1,1,2,2-Tetrachloroethane	39	16
76-22-2	DL-Camphor	52	*	79-43-6	Water disinfection byproducts (Dichloroacetic acid)	56	*
76-44-8	Heptachlor	44	16	79-43-6	Water disinfection model (Dichloroacetic acid)	36	16
76-57-3	Codeine	37	16	79-43-6	Water disinfection model (Dichloroacetic acid)	36	16
76-57-3	Codeine	42	16	79-43-6	Water disinfection model (Dichloroacetic acid)	36	16
76-87-9	Triphenyltin hydroxide	48	16	79-44-7	Dimethylcarbamoyl chloride	49	17
77-09-8	Phenolphthalein	39	16	79-81-2	All-trans-retinyl palmitate	47	16
77-09-8	Phenolphthalein	46	16	79-94-7	Tetrabromobisphenol A	54	*
77-09-8	Transgenic model evaluation II (Phenolphthalein)	36	16	79-94-7	Tetrabromobisphenol A	33	5
77-09-8	Transgenic model evaluation (Phenolphthalein)	56	*				

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79-94-7	Tetrabromobisphenol A	47	16	88-72-2	o-Nitrotoluene	39	16
80-05-7	Bisphenol A	35	13	88-72-2	o-Nitrotoluene	46	16
80-05-7	Bisphenol A	51	*	88-73-3	2-Chloronitrobenzene	37	16
80-05-7	Bisphenol A	35	12	88-96-0	Phthalamide	46	16
80-05-7	Bisphenol A	41	16	89-25-8	1-Phenyl-3-methyl-5-pyrazolone	46	16
80-07-9	p,p'-Dichlorodiphenyl sulfone		16	89-63-4	4-Chloro-2-nitroaniline	52	*
80-07-9	p,p'-Dichlorodiphenyl sulfone	43	16	@ 89-78-1	DL-menthol (Primary CASRN is 15356-70-4)	45	16
80-08-0	4,4'-Sulfonyldianiline (Dapsone)	47	16				
80-09-1	Bisphenol S	33	5	89-82-7	Pulegone	33	5
80-15-9	Cumene hydroperoxide	52	*	89-82-7	Pulegone	47	16
80-56-8	alpha-Pinene	36	16	90-43-7	o-Phenylphenol	46	16
80-56-8	alpha-Pinene	34	8	90-94-8	Michler's ketone	45	16
80-62-6	Methyl methacrylate	45	16	91-17-8	Decalin	42	16
81-49-2	1-Amino-2,4-dibromoanthraquinone	40	16	91-20-3	Naphthalene	45	16
82-28-0	1-Amino-2-methylanthraquinone	40	16	91-20-3	Naphthalene	45	16
82-68-8	Pentachloronitrobenzene	46	16	91-23-6	o-Nitroanisole		16
82-68-8	Pentachloronitrobenzene	46	16	91-23-6	o-Nitroanisole	46	16
83-79-4	Rotenone	50	17	91-53-2	Ethoxyquin	52	*
83-79-4	Rotenone	47	16	91-64-5	Coumarin	37	16
83-79-4	Transgenic model evaluation (Rotenone)	56	*	91-64-5	Coumarin	42	16
83-79-4	Transgenic model evaluation (Rotenone)	56	*	91-64-5	Coumarin	33	5
84-65-1	Anthraquinone	40	16	91-84-9	Pyrimidine	47	16
84-66-2	Diethyl phthalate	43	16	91-93-0	3,3'-Dimethoxybenzidine-4,4'- diisocyanate	43	16
@ 84-66-2	Diethyl phthalate/dimethyl phthalate (Primary CASRN is DIETH/ DIMETH)	43	16	92-36-4	4-(6-Methyl-2-benzothiazolyl)- benzenamine	53	*
84-74-2	Dibutyl Phthalate	34	10	92-48-8	Methyl coumarin	53	*
84-74-2	Dibutyl Phthalate	37	16	93-15-2	Methyleugenol	33	5
84-74-2	Dibutyl Phthalate	37	16	93-15-2	Methyleugenol	38	16
84-74-2	Peroxisome project (Dibutyl phthalate)	53	*	93-15-2	Methyleugenol	45	16
85-44-9	Phthalic anhydride	46	16	93-15-2	Methyleugenol (TGMX rat liver evaluation)	53	*
85-68-7	Butyl benzyl phthalate	41	16	@ 93-15-2	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*
85-68-7	Butyl benzyl phthalate	37	16	93-83-4	Oleic acid diethanolamine condensate	46	16
85-68-7	Butyl benzyl phthalate	41	16	93-83-4	Transgenic LECM (Oleic acid diethanolamine condensate)	55	*
86-30-6	N-Nitrosodiphenylamine	46	16	93-83-4	Transgenic LECM (Oleic acid diethanolamine condensate)	55	*
86-50-0	Azinphosmethyl	40	16	94-13-3	Propyl-4-hydroxybenzoate	32	2
86-57-7	1-Nitronaphthalene	46	16	94-20-2	Chlorpropamide	42	16
87-29-6	Cinnamyl anthranilate	42	16	@ 94-36-0	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
87-62-7	2,6-Xylidine	49	16				
87-66-1	Pyrogallol	47	16	@ 94-36-0	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
87-68-3	Hexachloro-1,3-butadiene	38	16				
87-86-5	Pentachlorophenol, Dowicide EC-7	46	16	@ 94-36-0	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
87-86-5	Pentachlorophenol, DP-2	39	16				
87-86-5	Pentachlorophenol, purified	39	16	@ 94-36-0	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
87-86-5	Pentachlorophenol, purified	46	16				
87-86-5	Pentachlorophenol, technical	46	16	@ 94-36-0	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16
87-86-5	Transgenic LECM (Pentachlorophenol)	55	*	94-52-0	6-Nitrobenzimidazole	46	16
87-86-5	Transgenic LECM (Pentachlorophenol)	55	*	@ 94-59-7	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*
88-06-2	2,4,6-Trichlorophenol	48	16				
88-72-2	o-Nitrotoluene	39	16				

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@ 94-60-0	Crude MCHM (Primary CASRN is CRUDEMCHM)	33	5	98-01-1	Furfural	44	16
94-75-7	Peroxisome project (2,4-Dichlorophenoxyacetic acid)	54	*	98-29-3	p-tert-Butylcatechol	37	16
95-06-7	Sulfallate	47	16	98-29-3	p-tert-Butylcatechol	37	16
95-14-7	1,2,3-Benzotriazole	41	16	98-56-6	p-Chloro-a,a,a-trifluorotoluene	35	12
95-48-7	o-Cresol	37	16	98-56-6	p-Chloro-a,a,a-trifluorotoluene	35	14
95-50-1	1,2-Dichlorobenzene (o-dichlorobenzene)	42	16	98-56-6	p-Chloro-a,a,a-trifluorotoluene	37	16
95-51-2	o-Chloroaniline	37	16	98-82-8	Cumene	42	16
95-63-6	1,2,4-trimethylbenzene	33	5	98-83-9	alpha-Methylstyrene	53	*
95-74-9	3-Chloro-p-toluidine	42	16	98-83-9	alpha-Methylstyrene	45	16
95-79-4	5-Chloro-o-toluidine	42	16	98-85-1	alpha-Methylbenzyl alcohol	45	16
95-80-7	2,4-Diaminotoluene (2,4-toluene diamine)	42	16	98-95-3	Nitrobenzene	53	*
95-80-7	Transgenic model evaluation (2,4-Diaminotoluene)	55	*	@ 98-96-4	AZT + Pyrazinamide combination (AIDS Initiative) (Primary CASRN is AZTZINAMIDE)	36	16
95-80-7	Transgenic model evaluation (2,4-Diaminotoluene)	55	*	98-96-4	Pyrazinamide	47	16
95-83-0	4-Chloro-o-phenylenediamine	42	16	99-08-1	m-Nitrotoluene	39	16
95-94-3	1,2,4,5-Tetrachlorobenzene	39	16	99-55-8	5-Nitro-o-toluidine	46	16
96-09-3	Styrene oxide	50	17	99-56-9	4-Nitro-o-phenylenediamine	46	16
96-12-8	1,2-Dibromo-3-chloropropane	42	16	99-57-0	2-Amino-4-nitrophenol	40	16
96-12-8	1,2-Dibromo-3-chloropropane	42	16	99-59-2	5-Nitro-o-anisidine	46	16
@ 96-12-8	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	99-97-8	N,N-Dimethyl-p-toluidine	34	10
96-13-9	2,3-Dibromo-1-propanol	42	16	99-97-8	N,N-Dimethyl-p-toluidine	52	*
96-18-4	Fish project 1 (1,2,3-Trichloropropane)	44	16	99-97-8	N,N-Dimethyl-p-toluidine	43	16
96-18-4	Fish project 1 (1,2,3-Trichloropropane)	44	16	99-99-0	p-Nitrotoluene	53	*
96-18-4	1,2,3-Trichloropropane	56	*	99-99-0	p-Nitrotoluene	39	16
96-18-4	1,2,3-Trichloropropane	48	16	99-99-0	p-Nitrotoluene	46	16
96-29-7	Methyl ethyl ketoxime	38	16	100-00-5	4-Chloronitrobenzene	37	16
96-45-7	Ethylene thiourea (ETU)	44	16	100-01-6	p-Nitroaniline		16
96-48-0	gamma-Butyrolactone	41	16	100-01-6	p-Nitroaniline	46	16
96-69-5	4,4-Thiobis(6-tert-butyl-m- cresol)	54	*	100-02-7	p-Nitrophenol	46	16
96-69-5	4,4-Thiobis(6-tert-butyl-m- cresol)	48	16	100-40-3	4-Vinylcyclohexene	49	16
97-52-9	2-Methoxy-4-nitroaniline	53	*	@ 100-41-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
97-53-0	Eugenol	44	16	100-41-4	Ethylbenzene	38	16
@ 97-53-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*	100-41-4	Ethylbenzene	43	16
97-54-1	Isoeugenol	45	16	100-42-5	Styrene	47	16
@ 97-54-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*	100-42-5	Styrene	54	*
97-77-8	Tetraethylthiuram disulfide	48	16	100-44-7	Benzyl chloride	49	17
98-00-0	Furfuryl alcohol	38	16	100-47-0	Benzonitrile	51	*
98-00-0	Furfuryl alcohol	44	16	100-51-6	Benzyl alcohol	41	16
98-00-0	Transgenic LECM (Furfuryl alcohol)	55	*	100-52-7	Benzaldehyde	41	16
				100-64-1	Cyclohexanone oxime	37	16
				101-05-3	Anilazine	40	16
				101-20-2	Triclocarban	32	3
				101-54-2	N-Phenyl-p-phenylenediamine	46	16
				101-61-1	4,4'-Methylenebis(N,N- dimethyl)benzenamine	45	16
				101-80-4	4,4'-Oxydianiline	46	16
				101-90-6	Diglycidyl resorcinol ether (DGRE)	43	16
				102-06-7	1,3-Diphenylguanidine		16
				102-50-1	m-Cresidine	42	16
				102-54-5	Ferrocene	52	*
				102-71-6	Triethanolamine	56	*

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102-71-6	Triethanolamine	56	*	107-07-3	2-Chloroethanol (ethylene chlorohydrin)	41	16
102-71-6	Triethanolamine	56	*	107-13-1	Acrylonitrile	40	16
102-71-6	Triethanolamine	48	16	107-18-6	Allyl alcohol	36	16
102-71-6	Triethanolamine	48	16	107-19-7	Propargyl alcohol	47	16
102-96-5	beta-Nitrostyrene	46	16	107-21-1	Ethylene glycol	44	16
103-23-1	Di(2-ethylhexyl)adipate	43	16	107-22-2	Glyoxal	53	*
103-33-3	Azobenzene	40	16	107-30-2	Chloromethyl methyl ether	49	17
103-85-5	1-Phenyl-2-thiourea	46	16	108-10-1	Methyl isobutyl ketone	45	16
103-90-2	Acetaminophen (4-hydroxyacetanilide)	32	3	108-30-5	Succinic anhydride	47	16
103-90-2	Acetaminophen (4-hydroxyacetanilide)	39	16	108-39-4	m-Cresol	37	16
103-90-2	Acetaminophen (4-hydroxyacetanilide)	51	*	108-42-9	m-Chloroaniline	37	16
@ 104-46-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*	108-46-3	Resorcinol	47	16
104-55-2	Cinnamaldehyde	52	*	108-46-3	Transgenic LEP (Resorcinol)	55	*
@ 105-08-8	Crude MCHM (Primary CASRN is CRUEMCHM)	33	5	108-46-3	Transgenic model evaluation (Resorcinol)	56	*
105-11-3	p-Benzoquinone dioxime	41	16	108-46-3	Transgenic model evaluation (Resorcinol)	56	*
105-55-5	N,N'-Diethylthiourea	43	16	108-60-1	bis(2-Chloro-1-methylethyl) ether	41	16
105-60-2	Caprolactam	41	16	108-60-1	bis(2-Chloro-1-methylethyl) ether	41	16
105-87-3	Geranyl acetate	44	16	108-78-1	Melamine	45	16
106-44-5	p-Cresol	37	16	@ 108-78-1	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	33	5
106-46-7	1,4-Dichlorobenzene (p-dichlorobenzene)	42	16	@ 108-78-1	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	53	*
106-47-8	p-Chloroaniline	41	16	@ 108-78-1	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	33	5
106-49-0	p-Toluidine	35	10	@ 108-80-5	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	33	5
106-87-6	4-Vinyl-1-cyclohexene diepoxide	49	16	@ 108-80-5	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	53	*
106-88-7	1,2-Epoxybutane	43	16	@ 108-80-5	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	33	5
106-89-8	Epichlorhydrin	50	17	108-86-1	Bromobenzene	51	*
106-92-3	Allyl glycidyl ether	40	16	108-86-1	Bromobenzene	51	*
106-93-4	1,2-Dibromoethane	42	16	@ 108-88-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
106-93-4	1,2-Dibromoethane	42	16	108-88-3	Toluene	48	16
@ 106-93-4	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	108-88-3	Toluene	39	16
106-94-5	1-Bromopropane	41	16	@ 108-90-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
106-95-6	Allyl bromide	36	16	108-90-7	Chlorobenzene	41	16
106-95-6	Allyl bromide	51	*	108-94-1	Cyclohexanone	49	17
106-95-6	Allyl bromide	36	16	@ 108-95-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
106-99-0	1,3-Butadiene	41	16	108-95-2	Phenol	46	16
106-99-0	1,3-Butadiene	51	*	108-99-6	beta-Picoline	47	16
106-99-0	1,3-Butadiene	41	16	109-09-1	o-Chloropyridine	52	*
106-99-0	1,3-Butadiene	49	17	109-09-1	o-Chloropyridine	35	14
107-02-8	Acrolein	36	16	109-69-3	n-Butyl chloride	41	16
107-05-1	Allyl chloride	40	16				
@ 107-06-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16				
107-06-2	1,2-Dichloroethane	43	16				
107-06-2	1,2-Dichloroethane	37	16				
107-06-2	1,2-Dichloroethane	16	16				
107-06-2	1,2-Dichloroethane	16	16				

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109-86-4	Ethylene Glycol Monomethyl Ether (EGMME)	38	16	117-39-5	Quercetin	47	16
109-86-4	Ethylene Glycol Monomethyl Ether (EGMME)	38	16	117-79-3	2-Aminoanthraquinone	40	16
109-89-7	Diethylamine	43	16	@ 117-81-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
109-99-9	Tetrahydrofuran	54	*	117-81-7	Di(2-ethylhexyl) Phthalate	34	10
109-99-9	Tetrahydrofuran	39	16	117-81-7	Di(2-ethylhexyl) Phthalate	34	10
109-99-9	Tetrahydrofuran	48	16	117-81-7	Di(2-ethylhexyl) Phthalate	52	*
110-00-9	Furan	50	17	117-81-7	Di(2-ethylhexyl) Phthalate	33	5
110-00-9	Furan	33	5	117-81-7	Di(2-ethylhexyl) Phthalate	52	*
110-00-9	Furan	44	16	117-81-7	Di(2-ethylhexyl) Phthalate	43	16
110-02-1	Thiophene	54	*	117-81-7	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	55	*
110-54-3	n-Hexane	38	16	117-81-7	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	55	*
110-63-4	1,4-Butanediol		16	118-74-1	Hexachlorobenzene	33	5
110-69-0	Butanal oxime	37	16	118-74-1	Hexachlorobenzene	35	14
110-80-5	Ethylene glycol monoethyl ether (EGMEE)	38	16	118-92-3	o-Anthranilic acid	40	16
110-80-5	Ethylene glycol monoethyl ether (EGMEE)	38	16	119-34-6	4-Amino-2-nitrophenol	40	16
110-86-1	Pyridine	54	*	119-53-9	Benzoin	41	16
110-86-1	Pyridine	47	16	119-61-9	Benzophenone	37	16
110-86-1	Pyridine	47	16	119-61-9	Benzophenone	41	16
110-86-1	Transgenic LECM (Pyridine)	55	*	119-64-2	Tetralin	48	16
110-86-1	Transgenic LECM (Pyridine)	55	*	119-84-6	3,4-Dihydrocoumarin	37	16
111-30-8	Glutaraldehyde	38	16	119-84-6	3,4-Dihydrocoumarin	43	16
111-30-8	Glutaraldehyde	44	16	120-32-1	o-Benzyl-p-chlorophenol	37	16
111-42-2	Diethanolamine	37	16	120-32-1	o-Benzyl-p-chlorophenol	41	16
111-42-2	Diethanolamine	37	16	120-32-1	o-Benzyl-p-chlorophenol	41	16
111-42-2	Diethanolamine	43	16	120-40-1	Lauric acid diethanolamine condensate	45	16
111-42-2	Transgenic LECM (diethanolamine)	56	*	120-40-1	Transgenic LECM (Lauric acid diethanolamine condensate)	55	*
111-76-2	2-Butoxyethanol (ethylene glycol monobutyl ether)	37	16	120-40-1	Transgenic LECM (Lauric acid diethanolamine condensate)	55	*
111-76-2	2-Butoxyethanol (ethylene glycol monobutyl ether)	37	16	@ 120-58-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*
111-91-1	bis(2-Chloroethoxy)methane	32	2	120-61-6	Dimethyl terephthalate	43	16
111-91-1	bis(2-Chloroethoxy)methane	41	16	120-62-7	Piperonyl sulfoxide	47	16
111-91-1	bis(2-Chloroethoxy)methane	52	*	120-71-8	p-Cresidine	42	16
111-91-1	bis(2-Chloroethoxy)methane	52	*	120-71-8	p-Cresidine	52	*
113-92-8	Chlorpheniramine maleate	42	16	120-71-8	Transgenic LEP (p-Cresidine)	55	*
115-07-1	Propylene	47	16	120-83-2	2,4-Dichlorophenol	43	16
115-11-7	Isobutene	45	16	121-14-2	2,4-Dinitrotoluene	43	16
115-28-6	Chlorendic acid	41	16	121-19-7	Roxarsone	47	16
115-29-7	Endosulfan	43	16	121-44-8	Triethylamine		12
115-32-2	Dicofol	43	16	121-54-0	Benzethonium chloride	37	16
115-86-6	Triphenyl Phosphate	56	*	121-54-0	Benzethonium chloride	41	16
115-86-6	Triphenyl Phosphate	34	5	121-66-4	2-Amino-5-nitrothiazole	40	16
115-96-8	Tris(2-Chloroethyl) Phosphate	48	16	121-69-7	N,N-Dimethylaniline	43	16
116-06-3	Aldicarb	40	16	121-75-5	Malathion	45	16
@ 116-06-3	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	121-75-5	Malathion	45	16
116-14-3	Tetrafluoroethylene	39	16	121-79-9	Propyl gallate	47	16
116-14-3	Tetrafluoroethylene	48	16	121-88-0	2-Amino-5-nitrophenol	40	16
117-08-8	Tetrachlorophthalic anhydride	39	16	121-92-6	m-Nitrobenzoic acid	53	*

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@ 122-34-9	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	131-57-7	2-Hydroxy-4-methoxybenzophenone	35	13
				131-57-7	2-Hydroxy-4-methoxybenzophenone	38	16
				131-57-7	2-Hydroxy-4-methoxybenzophenone	38	16
122-34-9	Simazine	54	*	131-57-7	2-Hydroxy-4-methoxybenzophenone	38	16
122-66-7	Hydrazobenzene	44	16	132-32-1	3-Amino-9-ethylcarbazole	49	17
123-31-9	Hydroquinone	44	16	132-98-9	Penicillin VK	46	16
123-35-3	beta-Myrcene	45	16	133-06-2	Captan	41	16
123-72-8	Butyraldehyde	52	*	133-90-4	Chloramben	41	16
123-77-3	Azodicarbonamide	51	*	134-29-2	o-Anisidine hydrochloride	40	16
123-91-1	1,4-Dioxane	43	16	134-50-9	9-Aminoacridine hydrochloride	51	*
124-48-1	Chlorodibromomethane	41	16	134-50-9	9-Aminoacridine hydrochloride	51	*
124-64-1	Tetrakis(hydroxymethyl)phosphonium chloride	48	16	134-72-5	Ephedrine sulfate	43	16
				135-20-6	Cupferron	42	16
125-33-7	Primidone (primaclone)	47	16	135-23-9	Methapyrilene hydrochloride	50	17
126-33-0	Sulfolane	34	6	135-23-9	Methapyrilene hydrochloride	53	*
126-33-0	Sulfolane	34	8	135-23-9	Methapyrilene hydrochloride	38	16
126-72-7	tris(2,3-Dibromopropyl) phosphate	48	16	135-88-6	N-Phenyl-2-naphthylamine	46	16
126-98-7	Methacrylonitrile		16	136-35-6	Diazoaminobenzene	37	16
126-98-7	Methacrylonitrile	45	16	136-40-3	Phenazopyridine hydrochloride	46	16
126-99-8	Chloroprene	37	16	136-45-8	2,5-Pyridinedicarboxylic Acid, Dipropyl Ester	54	*
126-99-8	Chloroprene	42	16				
126-99-8	Chloroprene	52	*	136-77-6	4-Hexylresorcinol	44	16
126-99-8	Chloroprene	52	*	137-09-7	2,4-Diaminophenol dihydrochloride	42	16
127-00-4	1-Chloro-2-propanol, technical	37	16	137-17-7	2,4,5-Trimethylaniline	48	16
127-00-4	1-Chloro-2-propanol, technical	52	*	137-30-4	Ziram	49	16
127-00-4	1-Chloro-2-propanol, technical	42	16	139-13-9	Nitriлотriacetic acid (NTA)	46	16
127-00-4	Transgenic LECM (1-Chloro-2-propanol, technical)	55	*	139-65-1	4,4'-Thiodianiline	48	16
				139-94-6	Nithiazide	46	16
127-00-4	Transgenic LECM (1-Chloro-2-propanol, technical)	55	*	140-11-4	Benzyl acetate	41	16
				140-11-4	Benzyl acetate	41	16
127-07-1	Hydroxyurea	50	17	@ 140-11-4	Benzyl acetate + glycine combination study (Primary CASRN is GLYCINEBENZA)	51	*
@ 127-18-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16				
				140-49-8	4-(Chloroacetyl)acetanilide	41	16
127-18-4	Tetrachloroethylene	48	16	140-56-7	Formulated fenaminosulf	44	16
@ 127-47-9	Retinoid project 1 (Primary CASRN is RETINOID1)	54	*	140-67-0	Estragole	52	*
				140-67-0	Estragole	38	16
127-47-9	Retinoid project 3 (Retinol acetate)	54	*	@ 140-67-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*
127-69-5	Sulfisoxazole	47	16	140-88-5	Ethyl acrylate	43	16
128-37-0	Butylated hydroxytoluene	41	16	142-04-1	Aniline hydrochloride	40	16
128-66-5	C.I. Vat Yellow 4	42	16	142-46-1	2,5-Dithiobiurea	43	16
129-15-7	2-Methyl-1-nitroanthraquinone	45	16	142-83-6	2,4-Hexadienal	38	16
129-15-7	2-Methyl-1-nitroanthraquinone	50	17	142-83-6	2,4-Hexadienal	44	16
129-73-7	Leucomalachite green	45	16	142-83-6	2,4-Hexadienal	44	16
129-73-7	Leucomalachite green	38	16	143-33-9	Sodium cyanide		16
129-79-3	2,4,7-Trinitro-fluoren-9-one	39	16	143-50-0	Chlordecone	41	16
129-79-3	2,4,7-Trinitro-fluoren-9-one	39	16	147-24-0	Diphenhydramine hydrochloride	43	16
130-17-6	2-(4-Aminophenyl)-6-methyl-7- benzothiazole sulfonic acid	51	*	147-47-7	1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	37	16
@ 131-11-3	Diethyl phthalate/dimethyl phthalate (Primary CASRN is DIETH/ DIMETH)	43	16	147-47-7	1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	43	16
131-17-9	Diallyl phthalate	42	16	147-47-7	1,2-Dihydro-2,2,4- trimethylquinoline (monomer)	37	16
131-17-9	Diallyl phthalate	42	16				

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147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	43	16	302-17-0	Chloral hydrate	41	16
147-94-4	Cytarabine	49	17	302-17-0	Chloral hydrate	37	16
148-18-5	Sodium diethylthiocarbamate	47	16	302-17-0	Chloral hydrate	41	16
148-24-3	8-Hydroxyquinoline	44	16	303-34-4	Lasiocarpine	45	16
148-24-3	Transgenic model evaluation (8-Hydroxyquinoline)	55	*	303-47-9	Ochratoxin A	46	16
148-24-3	Transgenic model evaluation (8-Hydroxyquinoline)	55	*	305-03-3	Chlorambucil	49	17
148-82-3	Melphalan	50	17	306-37-6	1,2-Dimethylhydrazine 2HCl	49	17
148-82-3	Transgenic LEP (Melphalan)	55	*	307-24-4	Perfluorohexanoic acid (PFHXA)	34	6
148-82-3	Transgenic model evaluation (Melphalan)	55	*	309-00-2	Aldrin	40	16
148-82-3	Transgenic model evaluation (Melphalan)	55	*	315-18-4	Mexacarbate	45	16
148-82-3	Transgenic model evaluation (Melphalan)	55	*	316-42-7	Emetine hydrochloride	43	16
148-82-3	Transgenic model evaluation (Melphalan)	55	*	320-67-2	5-Azacytidine	40	16
148-82-3	Transgenic model evaluation (Melphalan)	55	*	333-41-5	Diazinon	42	16
148-82-3	Transgenic model evaluation (Melphalan)	55	*	335-67-1	Perfluorooctanoic Acid	34	10
148-82-3	Transgenic model evaluation (Melphalan)	55	*	335-67-1	Perfluorooctanoic Acid	34	10
148-82-3	Transgenic model evaluation (Melphalan)	55	*	335-67-1	Perfluorooctanoic Acid	53	*
148-82-3	Transgenic model evaluation (Melphalan)	55	*	335-67-1	Perfluorooctanoic Acid	34	6
148-82-3	Transgenic model evaluation (Melphalan)	55	*	335-67-1	Perfluorooctanoic Acid	33	5
149-30-4	2-Mercaptobenzothiazole	45	16	335-76-2	Perfluorodecanoic Acid	34	6
150-38-9	Trisodium ethylenediaminetetraacetate trihydrate (EDTA)	49	16	342-69-8	6-Methylmercaptapurine ribonucleoside	50	17
150-68-5	Monuron	45	16	354-58-5	Halogenated ethanes CS (1,1,1-Trichloro-2,2,2-trifluoroethane)	38	16
154-69-8	Tripeleminamine hydrochloride	56	*	366-70-1	Procarbazine hydrochloride	50	17
154-93-8	1,3-bis(Chloroethyl)-1-nitrosourea	49	17	366-70-1	Procarbazine hydrochloride	47	16
156-10-5	p-Nitrosodiphenylamine	46	16	367-51-1	Sodium thioglycolate	39	16
156-59-2	cis-1,2-Dichloroethylene	52	*	375-73-5	Perfluorobutane sulfonate (PFBS)	34	6
@ 156-60-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16	375-95-1	Perfluorononanoic Acid	34	6
156-60-5	trans-1,2-Dichloroethylene	52	*	389-08-2	Nalidixic acid	45	16
156-60-5	trans-1,2-Dichloroethylene	52	*	396-01-0	Triamterene	56	*
156-60-5	trans-1,2-Dichloroethylene	37	16	396-01-0	Triamterene	48	16
156-62-7	Calcium cyanamide	41	16	431-03-8	2,3-Butanedione	35	14
262-12-4	Dibenzo-p-dioxin	42	16	434-07-1	Oxymetholone	53	*
271-89-6	Benzofuran	41	16	434-07-1	Oxymetholone	46	16
286-20-4	Cyclohexene oxide	52	*	434-13-9	Lithocholic acid	45	16
286-20-4	Cyclohexene oxide	52	*	446-72-0	Endocrine disruptor (Genistein)	43	16
286-20-4	Cyclohexene oxide	52	*	446-86-6	Azathioprine	49	17
298-00-0	Methyl parathion	45	16	458-37-7	Prevention 4 (Curcumin)	54	*
298-59-9	Methylphenidate hydrochloride	38	16	@ 458-37-7	Prevention 4 (Melatonin + curcumin)	54	*
298-59-9	Methylphenidate hydrochloride	45	16		(Primary CASRN is MEL+CURCUMIN)		
298-59-9	Transgenic model evaluation (Methylphenidate hydrochloride)	56	*	462-08-8	3-Aminopyridine	51	*
298-81-7	8-Methoxypsoralen	45	16	@ 462-08-8	Comparison study of Aminopyridines/Troponin levels (Primary CASRN is AMINOPYRCOMP)	51	*
@ 299-42-3	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	52	*	469-21-6	Doxylamine	43	16
@ 299-42-3	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	52	*	470-82-6	1,8-Cineol	52	*
@ 301-04-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16	470-82-6	1,8-Cineol	52	*
301-04-2	Lead(2+) acetate	53	*	@ 471-15-8	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	33	5
@ 301-04-2	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	53	*	@ 471-15-8	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	39	16
				@ 471-15-8	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	48	16
				481-72-1	Aloe-emodin	40	16

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486-12-4	Triprolidine	48	16	597-25-1	Dimethyl morpholinophosphoramidate	43	16
488-41-5	Dibromomannitol	49	17	598-55-0	Methyl carbamate	45	16
501-36-0	Resveratrol	34	8	599-79-1	Salicylazosulfapyridine	39	16
504-24-5	4-Aminopyridine	51	*	599-79-1	Salicylazosulfapyridine	47	16
@ 504-24-5	Comparison study of Aminopyridines/Troponin levels (Primary CASRN is AMINOPYRCOMP)	51	*	600-14-6	2,3-Pentanedione	35	12
504-29-0	2-Aminopyridine	51	*	602-87-9	5-Nitroacenaphthene	46	16
@ 504-29-0	Comparison study of Aminopyridines/Troponin levels (Primary CASRN is AMINOPYRCOMP)	51	*	604-75-1	Oxazepam	46	16
504-88-1	3-Nitropropionic acid	46	16	604-75-1	Oxazepam	46	16
509-14-8	Tetranitromethane	48	16	607-91-0	Myristicin	35	12
510-15-6	Chlorobenzilate	41	16	@ 607-91-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	55	*
512-56-1	Trimethylphosphate	48	16	608-93-5	Pentachlorobenzene	39	16
513-37-1	Dimethylvinyl chloride (DMVC)	43	16	609-20-1	2,6-Dichloro-p-phenylenediamine	43	16
513-86-0	Acetoin	35	14	611-14-3	2-ethyltoluene	52	*
@ 514-78-3	Retinoid project 1 (Primary CASRN is RETINOID1)	54	*	611-14-3	2-ethyltoluene	32	4
518-82-1	Emodin	43	16	612-82-8	3,3'-Dimethylbenzidine dihydrochloride	43	16
528-74-5	Dichloromethotrexate	49	17	614-45-9	tert-Butyl perbenzoate	37	16
531-76-0	Merphalan	50	17	616-91-1	Antioxidant model (TRAMP) - N-acetylcysteine	51	*
531-85-1	Benzidine dihydrochloride	51	*	619-17-0	4-Nitroanthranilic acid	46	16
532-27-4	2-Chloroacetophenone (CN)	41	16	620-14-4	3-ethyltoluene	52	*
536-33-4	Ethionamide	43	16	622-51-5	p-Tolylurea	50	17
538-23-8	Tricaprylin	48	16	622-96-8	4-ethyltoluene	52	*
538-75-0	Dicyclohexylcarbodiimide	36	16	624-18-0	p-Phenylenediamine dihydrochloride	46	16
538-75-0	Dicyclohexylcarbodiimide	36	16	624-83-9	Methyl isocyanate	50	17
538-75-0	Dicyclohexylcarbodiimide	36	16	628-02-4	Hexanamide	50	17
540-59-0	cis & trans 1,2-Dichloroethylene	52	*	630-16-0	Halogenated ethanes CS (1,1,1,2-Tetrabromoethane)	38	16
542-56-3	Isobutyl nitrite	45	16	630-20-6	Halogenated ethanes CS (1,1,1,2-Tetrachloroethane)	38	16
542-75-6	1,3-Dichloropropene (Telone II)	43	16	630-20-6	1,1,1,2-Tetrachloroethane	48	16
542-88-1	bis(Chloromethyl) ether	49	17	631-64-1	Water disinfection byproducts (Dibromoacetic acid)	56	*
546-80-5	alpha-Thujone	39	16	631-64-1	Water disinfection byproducts (Dibromoacetic acid)	49	16
@ 546-80-5	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	33	5	636-21-5	o-Toluidine hydrochloride	48	16
@ 546-80-5	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	39	16	636-21-5	o-Toluidine hydrochloride	39	16
@ 546-80-5	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	48	16	643-22-1	Erythromycin stearate	43	16
548-62-9	Hexamethyl-p-rosaniline chloride	44	16	643-79-8	ortho-Phthalaldehyde	39	16
548-62-9	Hexamethyl-p-rosaniline chloride	44	16	678-39-7	Fluorotelomer Alcohol 8+2	32	3
552-30-7	Trimellitic anhydride	56	*	693-13-0	Diisopropylcarbodiimide	37	16
552-30-7	Trimellitic anhydride	56	*	693-13-0	Diisopropylcarbodiimide	36	16
556-52-5	Glycidol	44	16	693-13-0	Diisopropylcarbodiimide	36	16
556-52-5	Transgenic model evaluation II (Glycidol)	36	16	693-13-0	Diisopropylcarbodiimide	43	16
563-47-3	3-Chloro-2-methylpropene	41	16	693-98-1	2-Methylimidazole	38	16
569-61-9	C.I. Basic Red 9 Monohydrochloride	42	16	693-98-1	2-Methylimidazole	45	16
569-64-2	Malachite green	45	16	700-06-1	Indole-3-carbinol	35	14
569-64-2	Malachite green	38	16	700-06-1	Indole-3-carbinol	44	16
583-39-1	2-Mercaptobenzimidazole	53	*	700-06-1	Prevention 4 (Indole-3-carbinol)	54	*
583-39-1	2-Mercaptobenzimidazole	53	*				
591-87-7	Allyl acetate	36	16				

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CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
@ 700-06-1	Prevention 4 (Melatonin + indole-3-carbinol) (Primary CASRN is MEL+INDOLCAR)	54	*	1241-94-7	2-Ethylhexyl Diphenyl Phosphate	52	*
@ 723-46-6	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPMSMX)	51	*	1271-19-8	Titanocene dichloride	48	16
@ 723-46-6	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPMSMX)	51	*	1300-72-7	Sodium xylenesulfonate	39	16
@ 738-70-5	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPMSMX)	51	*	1300-72-7	Sodium xylenesulfonate	47	16
@ 738-70-5	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPMSMX)	51	*	1303-00-0	Gallium arsenide	38	16
756-79-6	Dimethyl methylphosphonate	43	16	1303-00-0	Gallium arsenide	44	16
770-35-4	Propylene glycol phenyl ether	33	5	1306-19-0	Cadmium oxide	37	16
789-61-7	beta-Thioguanidine deoxyriboside	48	16	1306-19-0	Cadmium oxide	37	16
822-36-6	4-Methylimidazole	38	16	1309-64-4	Antimony Trioxide	40	16
822-36-6	4-Methylimidazole	45	16	1313-27-5	Molybdenum trioxide	38	16
828-00-2	Dimethoxane	43	16	1313-27-5	Molybdenum trioxide	45	16
834-12-8	Ametryn	51	*	1313-99-1	Nickel (II) oxide	45	16
834-28-6	Phenformin hydrochloride	46	16	1314-62-1	Vanadium pentoxide	39	16
842-07-9	C.I. Solvent Yellow 14	42	16	1314-62-1	Vanadium pentoxide	49	16
865-21-4	Vinblastine	50	17	@ 1314-87-0	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	53	*
868-85-9	Dimethyl hydrogen phosphite	43	16	1314-87-0	Lead sulfide	53	*
924-42-5	N-Methylolacrylamide	45	16	1314-87-0	Lead sulfide	53	*
924-42-5	Transgenic model evaluation (N-Methylolacrylamide)	55	*	1317-36-8	Lead oxide	53	*
924-42-5	Transgenic model evaluation (N-Methylolacrylamide)	56	*	1317-80-2	Nanoscale material (Rutile titanium dioxide)	53	*
930-68-7	2-Cyclohexen-1-one	52	*	1319-77-3	Cresols	37	16
952-23-8	Proflavin hydrochloride	47	16	1319-77-3	Cresols	42	16
959-24-0	QT drugs (sotalol hydrochloride)	54	*	1321-74-0	Divinylbenzene	52	*
961-11-5	Tetrachlorvinphos	48	16	1321-74-0	Divinylbenzene	43	16
968-81-0	Acetohexamide	40	16	@ 1327-53-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
982-57-0	Chloramphenicol sodium succinate	52	*	1328-53-6	C.I. Phthalocyanine green	52	*
989-38-8	Rhodamine 6G	47	16	@ 1330-20-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
989-51-5	Antioxidant model (TRAMP) - Epigallocatechin gallate	51	*	1330-20-7	Xylenes (mixed)	49	16
999-81-5	2-Chloroethyltrimethylammonium chloride	41	16	1330-78-5	Tricresyl Phosphate	56	*
1067-33-0	Dibutyltin diacetate	42	16	1330-78-5	Tricresyl Phosphate	32	2
1071-83-6	Glyphosate	38	16	1330-78-5	Tricresyl Phosphate	56	*
1071-83-6	Glyphosate	38	16	1330-78-5	Tricresyl Phosphate	48	16
@ 1095-90-5	AZT + Methadone HCl (AIDS) (Primary CASRN is AZTMETHCOMB)	51	*	@ 1333-82-0	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
1116-54-7	N-Nitrosodiethanolamine	53	*	1338-23-4	Methyl ethyl ketone peroxide	38	16
1124-64-7	Ionic Liquid: N-Butylpyridinium Chloride	33	5	1415-73-2	Aloin	32	5
@ 1124-64-7	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	53	*	1420-04-8	Clonitralid	42	16
1156-19-0	Tolazamide	48	16	1455-77-2	Guanazole	50	17
1162-65-8	Aflatoxin B1 (TGMX)	32	5	1465-25-4	N-(1-Naphthyl)ethylenediamine dihydrochloride	45	16
1163-19-5	Decabromodiphenyl Ether	33	5	1478-61-1	Bisphenol AF	33	5
1163-19-5	Decabromodiphenyl Ether	42	16	1582-09-8	Trifluralin	48	16
1212-29-9	N,N'-Dicyclohexylthiourea	43	16	1596-84-5	Daminozide	42	16
				1617-90-9	Vincamine	56	*
				1629-58-9	Ethyl vinyl ketone	52	*
				1634-78-2	Malaaxon	45	16
				@ 1646-87-3	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16

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@ 1646-88-4	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	2244-16-8	D-Carvone	41	16
1649-08-7	Halogenated ethanes CS (1,2-Dichloro-1,1-difluoroethane)	38	16	2385-85-5	Mirex	45	16
1746-01-6	Toxic equivalency factor evaluation (TCDD)	47	16	2425-85-6	C.I. Pigment Red 3	42	16
1746-01-6	TEF transgenics (TCDD)	54	*	2426-08-6	n-Butyl Glycidyl Ether	51	*
1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	48	16	2429-74-5	C.I. Direct Blue 15	42	16
1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	48	16	2432-99-7	11-Aminoundecanoic acid	40	16
@ 1746-01-6	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	48	16	2438-88-2	2,3,5,6-Tetrachloro-4-nitroanisole	48	16
1746-01-6	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	56	*	2440-22-4	Phenolic Benzotriazoles (Drometrizole)	33	5
1746-01-6	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	56	*	2475-45-8	C.I. Disperse Blue 1	42	16
1746-01-6	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	56	*	2489-77-2	Trimethylthiourea	48	16
1746-01-6	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	56	*	2602-46-2	C.I. Direct Blue 6	37	16
1746-01-6	Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	56	*	2602-46-2	C.I. Direct Blue 6	52	*
1747-60-0	6-Methoxy-2-benzothiazolamine	53	*	2608-48-2	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	53	*
1763-23-1	Perfluorooctane Sulfonate	34	6	2608-48-2	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	53	*
1777-84-0	3-Nitro-p-acetophenetide	46	16	2698-41-1	o-Chlorobenzalmalononitrile (CS)	41	16
1825-21-4	Pentachloroanisole	46	16	2757-90-6	Agaritine	49	17
1836-75-5	Nitrofen	46	16	2783-94-0	FD & C Yellow No. 6	44	16
1836-75-5	Nitrofen	46	16	2784-94-3	HC Blue 1	44	16
1896-62-4	Methyl trans-styryl ketone	53	*	2832-40-8	C.I. Disperse Yellow 3	42	16
1896-62-4	Methyl trans-styryl ketone	53	*	2835-39-4	Allyl isovalerate	40	16
1896-62-4	Methyl trans-styryl ketone	45	16	2835-95-2	5-Amino-o-cresol	36	16
1897-45-6	Chlorothalonil	42	16	2871-01-4	HC Red 3	44	16
@ 1912-24-9	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16	3147-75-9	Phenolic Benzotriazoles (Octrizole)	33	5
@ 1912-24-9	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16	3147-76-0	Phenolic Benzotriazoles (2-(2H-Benzotriazol-2-yl)-4-tert-butylphenol)	33	5
1918-02-1	Picloram	46	16	3165-93-3	4-Chloro-o-toluidine hydrochloride	42	16
1936-15-8	C.I. Acid Orange 10	42	16	3252-43-5	Water disinfection byproducts (Dibromoacetonitrile)	49	16
1937-37-7	C.I. Direct Black 38	37	16	3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	51	*
1948-33-0	t-Butylhydroquinone	41	16	3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	37	16
1955-45-9	Pivalolactone	47	16	3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	41	16
1972-08-3	1-trans-delta-9-Tetrahydrocannabinol	39	16	3296-90-0	Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	44	16
1972-08-3	1-trans-delta-9-Tetrahydrocannabinol	48	16	3296-90-0	Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	44	16
1982-37-2	Methdilazine	53	*	3380-34-5	Triclosan	56	*
2058-46-0	Oxytetracycline hydrochloride	46	16	3380-34-5	Triclosan	35	13
2164-17-2	Fluometuron	44	16	3380-34-5	Triclosan	33	5
2185-92-4	2-Biphenylamine hydrochloride	41	16	3416-24-8	Glucosamine	52	*
2243-62-1	1,5-Naphthalenediamine	45	16	3458-22-8	IPD (3,3'-iminobis-1-propanol dimethanesulfonate (ester) hydrochloride)	44	16
				3524-68-3	Pentaerythritol triacrylate	36	16
				3524-68-3	Pentaerythritol triacrylate	36	16
				3546-10-9	Phenesterin	46	16
				3567-69-9	C.I. Acid Red 14	42	16
				3622-84-2	N-Butylbenzenesulfonamide	33	5
				3622-84-2	N-Butylbenzenesulfonamide	32	3
				3778-73-2	Isophosphamide	45	16

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3864-99-1	Phenolic Benzotriazoles (2-(5-Chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)phenol)	33	5	@ 6484-52-2	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16
3871-99-6	Perfluorohexane sulfonate potassium salt (PFHKSslt)	33	5	@ 6484-52-2	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16
3896-11-5	Phenolic Benzotriazoles (Bumetrizole)	33	5	6533-68-2	Scopolamine hydrobromide trihydrate	39	16
4170-30-3	Crotonaldehyde	52	*	6533-68-2	Scopolamine hydrobromide trihydrate	54	*
4320-30-3	L-Arginine Glutamate	49	17	6533-68-2	Scopolamine hydrobromide trihydrate	47	16
4342-03-4	Dacarbazine	49	17	6959-47-3	2-Chloromethylpyridine hydrochloride	41	16
4465-94-5	Cytoxal alcohol	49	17	6959-48-4	3-Chloromethylpyridine hydrochloride	42	16
5131-60-2	4-Chloro-m-phenylenediamine	42	16	7008-42-6	Acronycine	40	16
5160-02-1	D&C Red No. 9	42	16	7166-19-0	beta-Bromo-beta-nitrostyrene	37	16
5263-02-5	Zinc Carbonate, Basic	35	14	7177-48-2	Ampicillin trihydrate	40	16
5307-14-2	2-Nitro-p-phenylenediamine	46	16	7220-79-3	Methylene blue trihydrate	53	*
5392-40-5	Citral	42	16	7220-79-3	Methylene blue trihydrate	53	*
5392-40-5	Citral	52	*	7220-79-3	Methylene blue trihydrate	45	16
5392-40-5	Citral	52	*	7336-20-1	4,4'-Diamino-2,2'-stilbenedisulfonic acid, disodium salt	42	16
5407-04-5	Dimethylaminopropyl chloride, hydrochloride	52	*	@ 7439-92-1	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	53	*
5407-04-5	Dimethylaminopropyl chloride, hydrochloride	37	16	7440-22-4	Nanoscale Silver	33	5
@ 5436-43-1	BDE Toxicogenomics Study (TGMX) (Primary CASRN is TGMXBDECLASS)	32	2	7440-38-2	Arsenic	32	4
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	54	*	7440-47-3	Chromium	49	17
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	32	2	7440-48-4	Cobalt	42	16
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	54	*	7446-34-6	Selenium sulfide	47	16
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	33	5	7446-34-6	Selenium sulfide	47	16
5522-43-0	1-Nitropyrene	39	16	@ 7481-89-2	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine (Primary CASRN is AZTDDCCOMB)	51	*
5589-96-8	Water disinfection byproducts (Bromochloroacetic acid)	49	16	7481-89-2	2',3'-Dideoxycytidine	52	*
5634-39-9	Iodinated glycerol	45	16	7481-89-2	2',3'-Dideoxycytidine	52	*
5694-00-8	Glycidamide	44	16	@ 7481-89-2	Interferon AD + ddC (AIDS Initiative) (Primary CASRN is INTDDCCOMB)	53	*
@ 5743-04-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	@ 7487-94-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16
5989-27-5	D-Limonene	45	16	7487-94-7	Mercuric chloride	45	16
@ 6018-89-9	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	37	16	7562-61-0	(+)-Usnic Acid	34	6
6055-19-2	Transgenic model evaluation (Cyclophosphamide monohydrate)	55	*	7632-00-0	Sodium nitrite	39	16
6055-19-2	Transgenic model evaluation (Cyclophosphamide monohydrate)	55	*	7632-00-0	Sodium nitrite	47	16
6055-52-3	1,6-Hexanediamine dihydrochloride	38	16	7681-49-4	Sodium Fluoride	47	16
6055-52-3	1,6-Hexanediamine dihydrochloride	38	16	7681-49-4	Sodium Fluoride	50	17
6109-97-3	3-Amino-9-ethylcarbazole HCl	40	16	@ 7681-52-9	Chloraminated water (Primary CASRN is CHLORAMINEMX)	41	16
6317-18-6	Methylene bis(thiocyanate)	38	16	@ 7681-52-9	Chlorinated water (Primary CASRN is CHLORWATERMX)	41	16
6358-85-6	Diarylanilide yellow	42	16	7758-99-8	Cupric sulfate	37	16
6369-59-1	2,5-Toluenediamine sulfate	48	16				
6373-74-6	C.I. Acid Orange 3	42	16				
6425-39-4	2,2'-Dimorpholinodiethyl Ether	33	5				
6459-94-5	C.I. Acid Red 114	42	16				
6471-49-4	C.I. Pigment Red 23	42	16				

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7758-99-8	Cupric sulfate	37	16	9012-76-4	Chitosan	35	12
7772-99-8	Stannous chloride	47	16	10026-24-1	Cobalt sulfate heptahydrate		16
7775-09-9	Water disinfection byproducts (Sodium chlorate)	49	16	10026-24-1	Cobalt sulfate heptahydrate	42	16
@ 7782-50-5	Chlorinated water (Primary CASRN is CHLORWATERMX)	41	16	10028-15-6	Ozone	46	16
7784-42-1	Arsine	51	*	10028-15-6	Ozone	46	16
@ 7784-46-5	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	@ 10028-15-6	Ozone/NNK (Primary CASRN is OZONNNKCOMB)	46	16
@ 7784-46-5	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	10034-96-5	Manganese sulfate monohydrate	38	16
@ 7786-81-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16	10034-96-5	Manganese sulfate monohydrate	45	16
7789-12-0	Sodium dichromate dihydrate (VI)	47	16	10043-35-3	Boric acid	41	16
7789-12-0	Sodium dichromate dihydrate (VI)	39	16	@ 10060-12-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16
7789-38-0	Water disinfection model (Sodium bromate)	36	16	10096-91-0	Phenolic Benzotriazoles (2-(2H-Benzotriazol-2-yl)phenol)	33	5
7789-38-0	Water disinfection model (Sodium bromate)	36	16	10101-97-0	Nickel sulfate hexahydrate	46	16
7789-38-0	Water disinfection model (Sodium bromate)	36	16	10102-18-8	Sodium selenite	39	16
7803-51-2	Phosphine	54	*	@ 10108-64-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16
8000-27-9	Cedarwood oil	35	14	10213-10-2	Sodium Tungstate Dihydrate	35	10
8001-23-8	Safflower oil	47	16	10318-26-0	Dibromodulcitol	49	17
8001-26-1	Prevention 1 (Flaxseed oil)	54	*	10326-27-9	Barium chloride dihydrate	36	16
@ 8001-26-1	Prevention 1 (Flaxseed oil + melatonin) (Primary CASRN is FLAXSEED+MEL)	54	*	10326-27-9	Barium chloride dihydrate	41	16
8001-30-7	Corn oil	42	16	@ 10599-90-3	Chloraminated water (Primary CASRN is CHLORAMINEMX)	41	16
8001-35-2	Toxaphene	48	16	@ 11084-85-8	Chlorinated trisodium phosphate (Primary CASRN is 56802-99-4)	41	16
8001-79-4	Castor oil	37	16	@ 11096-82-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	37	16
8001-97-6	Aloe vera gel	40	16	11097-69-1	Aroclor 1254	40	16
8003-03-0	Aspirin, phenacetin, and caffeine	40	16	12001-28-4	Asbestos, crocidolite	40	16
8003-22-3	D&C Yellow No. 11	37	16	12001-29-5	Asbestos, chrysotile(IR)	40	16
8003-22-3	D&C Yellow No. 11	42	16	12001-29-5	Asbestos, chrysotile(IR)	40	16
8008-20-6	Navy fuels JP-5	45	16	12001-29-5	Asbestos, chrysotile(IR) + Dimethyl hydrazine	40	16
8013-11-4	Senna (powdered)	39	16	12001-29-5	Asbestos, chrysotile(IR) + Dimethyl hydrazine	40	16
8013-11-4	Senna (powdered)	39	16	12001-29-5	Asbestos, chrysotile(SR)	40	16
8016-94-2	Brominated Vegetable Oil	33	5	12001-29-5	Asbestos, chrysotile(SR)	40	16
8024-37-1	Turmeric, oleoresin (curcumin)	49	16	12024-21-4	Gallium oxide	52	*
8057-49-6	Valerian (Valeriana officinalis L.) root extract	34	5	12035-72-2	Nickel subsulfide	46	16
9000-01-5	Gum Arabic	44	16	12172-73-5	Asbestos, amosite	32	4
9000-30-0	Guar gum	44	16	12172-73-5	Asbestos, amosite	40	16
9000-38-8	Kava kava extract	45	16	12172-73-5	Asbestos, amosite + Dimethyl hydrazine	40	16
9000-40-2	Locust bean gum	45	16	13010-47-4	Lomustine	50	17
9002-18-0	Agar	40	16	13171-21-6	Phosphamidon	46	16
9002-89-5	Polyvinyl alcohol	47	16	@ 13292-46-1	AZT + Rifampin (AIDS Initiative) (Primary CASRN is AZTRIFAMPIN)	36	16
9005-65-6	Polysorbate 80 (glycol)	47	16	13311-84-7	Flutamide	52	*
@ 9007-28-7	Glucosamine Hydrochloride + Chondroitin Sulfate (Primary CASRN is GLUCOSCHONDN)	53	*	13366-73-9	Photodioldrin	46	16
9009-54-5	Polyurethane	50	17	13410-01-0	Sodium selenate	39	16
				13463-67-7	Titanium dioxide	48	16

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13552-44-8	4,4'-Methylenedianiline dihydrochloride	45	16	18662-53-8	Nitrilotriacetic acid trisodium monohydrate	46	16
13674-84-5	Tris(Chloropropyl)phosphate	34	5	18662-53-8	Nitrilotriacetic acid trisodium monohydrate	46	16
13674-84-5	Tris(Chloropropyl)phosphate	34	8	18883-66-4	Streptozotocin	50	17
13718-26-8	Sodium Metavanadate	33	5	19010-66-3	Lead dimethyldithiocarbamate	45	16
13765-19-0	Calcium chromate	49	17	20265-96-7	p-Chloroaniline hydrochloride	41	16
13909-09-6	Methyl CCNU	50	17	20265-97-8	p-Anisidine hydrochloride	40	16
13983-17-0	Wollastonite calcium silicates	50	17	20265-97-8	Transgenic LEP (p-Anisidine hydrochloride)	55	*
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	54	*	20265-97-8	Transgenic model evaluation (p-Anisidine HCl)	55	*
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	39	16	20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	43	16
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	39	16	20830-81-3	Daunomycin	49	17
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	48	16	20941-65-5	Ethyl tellurac	44	16
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	33	5	@ 21087-64-9	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16
14371-10-9	trans-Cinnamaldehyde	42	16	21232-47-3	3,3',4,4'-Tetrachloroazoxybenzene	39	16
14371-10-9	trans-Cinnamaldehyde	52	*	@ 21416-67-1	ICRF-159 (Primary CASRN is 21416-87-5)	44	16
14567-73-8	Tremolite	48	16	21416-87-5	ICRF-159	44	16
14807-96-6	Talc	47	16	@ 21725-46-2	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16
14808-60-7	Silica, crystalline - quartz	54	*	21739-91-3	Cytembena	42	16
14808-60-7	Silica, crystalline - quartz	54	*	21850-44-2	Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	32	3
14808-60-7	Silica, crystalline - quartz	54	*	21850-44-2	Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	35	12
15356-70-4	DL-menthol	45	16	22398-80-7	Indium phosphide	44	16
15481-70-6	2,6-Toluenediamine dihydrochloride (2,6-diaminotoluene dihydrochloride)	48	16	22839-47-0	Transgenic model evaluation II (Aspartame)	36	16
15481-70-6	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	55	*	22839-47-0	Transgenic model evaluation II (Aspartame)	36	16
15481-70-6	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	55	*	22966-79-6	Estradiol mustard	43	16
15625-89-5	Trimethylolpropane triacrylate	36	16	23246-96-0	Riddelliine	39	16
15625-89-5	Trimethylolpropane triacrylate	36	16	23246-96-0	Riddelliine	47	16
15625-89-5	Trimethylolpropane triacrylate	48	16	24072-75-1	5,6-Dichloro-2-benzothiazolamine	52	*
15805-73-9	Transgenic LEP (Vinyl carbamate)	55	*	24382-04-5	Malonaldehyde, sodium salt	45	16
@ 15972-60-8	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16	25013-15-4	Vinyl toluene	49	16
16071-86-6	C.I. Direct Brown 95	37	16	25152-84-5	2,4-Decadienal	52	*
@ 16561-29-8	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	25152-84-5	2,4-Decadienal	37	16
@ 16561-29-8	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	25265-71-8	Dipropylene glycol	38	16
@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	25265-71-8	Dipropylene glycol	43	16
@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	25637-99-4	1,3,5,7,9,11-Hexabromocyclododecane	33	5
@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	44	16	25812-30-0	Peroxisome project (Gemfibrozil)	54	*
16561-29-8	Tetradecanoyl phorbol acetate (TPA)	54	*	25973-55-1	Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)phenol)	33	5
16561-29-8	Transgenic LECM (Tetradecanoyl phorbol acetate (TPA))	55	*	26040-51-7	Bis(2-ethylhexyl) tetrabromophthalate	33	5
17026-81-2	3-Amino-4-ethoxyacetanilide	40	16	26471-62-5	2,4- & 2,6-Toluene diisocyanate	48	16
17924-92-4	Zearalenone	49	16	26628-22-8	Sodium azide	47	16
18107-18-1	Trimethylsilyldiazomethane (TMSD)	33	5	26780-96-1	1,2-Dihydro-2,2,4-trimethylquinoline (polymer)	52	*

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51730-94-0	Dipropylene glycol phenyl ether	32	4	59865-13-3	Transgenic model evaluation (Cyclosporin A)	55	*
51936-55-1	Hexachlorocyclopentadienyl- dibromocyclooctane	33	5	59865-13-3	Transgenic model evaluation (Cyclosporin A)	55	*
54150-69-5	2,4-Dimethoxyaniline hydrochloride	43	16	@ 60348-60-9	BDE Toxicogenomics Study (TGMX) (Primary CASRN is TGMXBDECLASS)	32	2
54464-57-2	Ethanone, 1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8-Tetramethyl-2- Naphthalenyl)- (Iso-E Super®; OTNE)	38	16	60348-60-9	2,2',4,4',5-Pentabromodiphenyl Ether	32	2
55566-30-8	Tetrakis(hydroxymethyl)phosphonium sulfate	48	16	61702-44-1	2-Chloro-p-phenylenediamine sulfate	42	16
55589-62-3	Transgenic Model Evaluation II (Acesulfame Potassium)	36	16	@ 63449-39-8	Chlorinated paraffins: C12, 60% chlorine (Primary CASRN is 108171-26-2)	41	16
@ 55981-09-4	AZT + Nitazoxanide (AIDS Initiative) (Primary CASRN is AZT+NITAZOX)	51	*	@ 63449-39-8	Chlorinated paraffins: C23, 43% chlorine (Primary CASRN is 108171-27-3)	41	16
56802-99-4	Chlorinated trisodium phosphate	41	16	@ 64091-91-4	Ozone/NNK (Primary CASRN is OZONNNKCOMB)	46	16
56803-37-3	tert-Butylphenyl Diphenyl Phosphate	51	*	64742-88-7	Stoddard solvent (type LIC)	47	16
56803-37-3	tert-Butylphenyl Diphenyl Phosphate	32	2	65039-09-0	Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride	33	5
57018-52-7	Propylene glycol mono-t-butyl ether	47	16	@ 65039-09-0	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	53	*
57117-31-4	Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran))	47	16	65646-68-6	Retinoid project 2 (4-(Hydroxyphenyl)retinamide)	54	*
@ 57117-31-4	TEF transgenics (PCB 126 / PECDF mixture) (Primary CASRN is TEFTGMIXTURE)	54	*	@ 65646-68-6	Retinoid project 1 (Primary CASRN is RETINOID1)	54	*
57117-31-4	TEF transgenics (PECDF)	54	*	65646-68-6	Retinoid project 4 (4-(Hydroxyphenyl)retinamide)	54	*
@ 57117-31-4	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	48	16	65646-68-6	Retinoid project 5 (4-(Hydroxyphenyl)retinamide)	54	*
57465-28-8	3,3,4,4,5-Pentachlorobiphenyl (PCB 126)	53	*	65646-68-6	Retinoid project 6 (4-HPR)	54	*
@ 57465-28-8	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153) (Primary CASRN is TEFBINARYMIX)	47	16	65666-07-1	Prevention 2 (Silymarin)	54	*
@ 57465-28-8	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/ PCB 118) (Primary CASRN is TEFPCEBMIX)	47	16	@ 65666-07-1	Prevention 2 (Silymarin + melatonin) (Primary CASRN is SILYMARN+MEL)	54	*
57465-28-8	TEF transgenics (PCB 126)	54	*	67774-32-7	Polybrominated biphenyl mixture (Firemaster FF-1)	47	16
@ 57465-28-8	TEF transgenics (PCB 126 / PECDF mixture) (Primary CASRN is TEFTGMIXTURE)	54	*	67774-32-7	Polybrominated biphenyl mixture (Firemaster FF-1)	47	16
@ 57465-28-8	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	48	16	67892-26-6	Stachybotrys chartarum	32	3
57465-28-8	Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl)	48	16	68359-37-5	Cyfluthrin	52	*
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	44	16	68603-42-9	Coconut oil acid diethanolamine condensate	42	16
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	44	16	68603-42-9	Transgenic LECM (Coconut oil acid diethanolamine condensate)	55	*
59820-43-8	HC Yellow 4	44	16	68603-42-9	Transgenic LECM (Coconut oil acid diethanolamine condensate)	55	*
59865-13-3	Transgenic LEP (Cyclosporin A)	55	*	@ 68631-49-2	BDE Toxicogenomics Study (TGMX) (Primary CASRN is TGMXBDECLASS)	32	2
				68631-49-2	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	32	2
				68937-41-7	Isopropylated Phenol Phosphate	33	5
				68937-41-7	Isopropylated Phenol Phosphate	53	*
				@ 69655-05-6	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative) (Primary CASRN is AZTDDICOMB)	51	*

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70321-86-7	Phenolic Benzotriazoles (2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol)	33	5	108171-27-3	Chlorinated paraffins: C23, 43% chlorine	41	16
71133-14-7	Water disinfection byproducts (Bromodichloroacetic Acid)	34	5	113136-77-9	Cyclanilide	52	*
71133-14-7	Water disinfection byproducts (Bromodichloroacetic Acid)	56	*	116355-83-0	Fumonisin B1	44	16
71133-14-7	Water disinfection byproducts (Bromodichloroacetic Acid)	49	16	119168-77-3	Tebufenpyrad	54	*
74764-40-2	QT drugs (bepridil hydrochloride)	54	*	121552-61-2	Cyprodinil	52	*
75330-75-5	QT drugs (Lovastatin)	54	*	125533-88-2	Retinoid project 6 (Arotinoid)	54	*
76231-76-0	alpha/beta Thujone mixture	33	5	125533-88-2	Retinoid project 3 (Arotinoid)	54	*
76231-76-0	alpha/beta Thujone mixture	39	16	125533-88-2	Retinoid project 5 (Arotinoid)	54	*
76231-76-0	alpha/beta Thujone mixture	48	16	@ 129618-40-2	AZT+3TC+NVP combination (Primary CASRN is AZT3TCCOMBO)	41	16
76543-88-9	Interferon A (AIDS Initiative)	44	16	@ 129618-40-2	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	35	13
77439-76-0	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone(MX)	52	*	@ 134678-17-4	AZT+3TC+NVP combination (Primary CASRN is AZT3TCCOMBO)	41	16
79794-75-5	QT drugs (Loratadine)	54	*	@ 134678-17-4	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	35	13
79917-90-1	Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride	34	6	143545-90-8	Cylindrospermopsin	32	3
@ 79917-90-1	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	53	*	@ 154598-52-4	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	35	13
84268-23-5	Phenolic Benzotriazoles (3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester)	33	5	@ 159989-65-8	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	35	13
84603-60-1	Goldenseal extract	33	5	173584-44-6	Indoxacarb	53	*
84604-20-6	Milk thistle extract	45	16	183658-27-7	2-ethylhexyl-2,3,4,5-tetrabromobenzoate	33	5
84604-20-6	Milk thistle extract	33	5	299184-76-2	Dong quai (Angelica sinensis root extract)	32	2
84776-26-1	Black Cohosh	51	*	479500-35-1	Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride	33	5
84776-26-1	Black Cohosh	34	8	@ 479500-35-1	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	53	*
84776-26-1	Black Cohosh	51	*	@ 103-90-2	Rat feed study (TGMX rat liver evaluation) (Primary CASRN is TGMXRALVFEEED)	54	*
84776-26-1	Black Cohosh	51	*	@ 103426-96-6	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	35	14
84852-53-9	1,2-bis(pentabromophenyl)ethane	33	5	@ 103426-97-7	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	35	14
85509-19-9	Flusilazole	52	*	@ 1162-65-8	Rat feed study (TGMX rat liver evaluation) (Primary CASRN is TGMXRALVFEEED)	54	*
90045-23-1	Garcinia Cambogia Extract	33	5	@ 1746-01-6	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	35	14
90045-36-6	Ginkgo biloba extract	44	16	@ 50-81-7	Rat feed study (TGMX rat liver evaluation) (Primary CASRN is TGMXRALVFEEED)	54	*
90045-36-6	Ginkgo biloba extract	33	5				
96180-79-9	Microcystin-LA (TGMX)	53	*				
@ 96180-79-9	Microcystin mixture (TGMX) (Primary CASRN is MICROCYSTNMX)	53	*				
@ 98955-27-2	Crude MCHM (Primary CASRN is CRUDEMCHM)	33	5				
99685-96-8	Nanoscale Material (Fullerene C60 18 microns)	32	3				
99685-96-8	Nanoscale material (Fullerene-C60 1 micron)	35	12				
99685-96-8	Nanoscale Material (Fullerene C60 200 nanometers)	32	3				
99685-96-8	Nanoscale material (Fullerene-C60 50 nanometers)	35	12				
101043-37-2	Microcystin-LR (TGMX)	53	*				
@ 101043-37-2	Microcystin mixture (TGMX) (Primary CASRN is MICROCYSTNMX)	53	*				
108171-26-2	Chlorinated paraffins: C12, 60% chlorine	41	16				

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@ 69-72-7	alpha/beta Hydroxy acids (glycolic acid, salicylic acid) (Primary CASRN is HYDROXYGLYSAL)	40	16	@ BDEMIXTURE	BDE Toxicogenomics Study (TGMX) (Primary CASRN is TGMXBDECLASS)	32	2
@ 73-22-3	Rat feed study (TGMX rat liver evaluation) (Primary CASRN is TGMXRALVFEED)	54	*	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (2- (2H-Benzotriazol-2-yl)-4-tert- butylphenol) (Primary CASRN is 3147-76-0)	33	5
@ 79-14-1	alpha/beta Hydroxy acids (glycolic acid, salicylic acid) (Primary CASRN is HYDROXYGLYSAL)	40	16	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (Drometrizole) (Primary CASRN is 2440-22-4)	33	5
@ 81-49-2	Rat feed study (TGMX rat liver evaluation) (Primary CASRN is TGMXRALVFEED)	54	*	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (3- (2H-Benzotriazol-2-yl)- 5-(1,1-dimethylethyl)-4- hydroxybenzenepropanoic acid, octyl ester) (Primary CASRN is 84268-23-5)	33	5
AAV2HAQP1	Serotype 2 Adeno-associated Viral Vector hAQPl (rAAV2hAQPl)	35	12	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (Octrizole) (Primary CASRN is 3147-75-9)	33	5
AAVIRAAVHEPO	Serotype 2 Adeno-associated Viral Vector rAAV2rapahEpo	35	14	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (2-(2H- Benzotriazol-2-yl)phenol) (Primary CASRN is 10096-91-0)	33	5
AAVIRVECEPO	Adeno-associated viral vector (hEPO)	51	*	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (2-(2H- benzotriazol-2-yl)-4,6-bis(1,1- dimethylpropyl)phenol) (Primary CASRN is 25973-55-1)	33	5
ADNVIRVECAQP	Adenoviral Vector (AdhAQPl)	51	*	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (2-(2H- benzotriazol-2-yl)-4,6-bis(1- methyl-1-phenylethyl)phenol) (Primary CASRN is 70321-86-7)	33	5
ADNVIRVECHGH	Adenoviral vector (hGH)	51	*	@ BENZOTRIAZOLE	Phenolic Benzotriazoles (2-(5- Chloro-2H-benzotriazol-2-yl)-4,6- bis(1,1-dimethylethyl)phenol) (Primary CASRN is 3864-99-1)	33	5
AIDSDRUGSNEO	AZT/Drug Combinations Transplacental/Neonatal Study	35	13	BLASTINGSAND	Abrasive Blasting Agents: Blasting Sand	35	14
AIDSTHERAPEU	AZT/Drug Combinations Transplacental Carcinogenesis Study	41	16	CARDIOGENEVL	Cardio Transmitter Gene Evaluation	52	*
ALOEPHOTOTOX	Aloe phototoxicity studies	40	16	CELLPRADCDMA	Cell Phone Radiation: CDMA	35	13
ALOEVFILTER	Aloe vera charcoal filtered whole leaf extract	40	16	CELLPRADGSM	Cell Phone Radiation: GSM	35	13
ALOEVLEAFEXT	Aloe vera whole leaf extract (native)	40	16	CELLULOSEINS	Cellulose insulation	37	16
ALOEVLEAFEXT	Aloe vera whole leaf extract (native)	40	16	CHEMMIXH2O	Chemical mixture - drinking water contaminants	37	16
ALTERNARIA	Alternaria alternata mold	32	3	CHLORAMINEMX	Chloraminated water	41	16
AMINOPYRCOMP	Comparison study of Aminopyridines/Troponin levels	51	*	CHLORWATERMX	Chlorinated water	41	16
ANTIOXCOMBO2	Arsenic antioxidant mixture	51	*	CIMSTAR3800	Metal Working Fluids: CIMSTAR 3800	45	16
ANTIOXCOMBO2	Arsenic antioxidant mixture	51	*	COALSLAG	Abrasive blasting agents (coal slag)	51	*
@ ANTIOXMODEL	Antioxidant model (TRAMP) - Epigallocatechin gallate (Primary CASRN is 989-51-5)	51	*	CRUDEMCHM	Crude MCHM	33	5
ASPERGILLUSV	Aspergillus versicolor mold	34	6	CRUMBRUBBERVAR	Crumb rubber various	33	5
AZT+NITAZOX	AZT + Nitazoxanide (AIDS Initiative)	51	*	CRUSHEDGLASS	Abrasive blasting agents (crushed glass)	51	*
AZT3TCCOMBO	AZT+3TC+NVP combination	41	16	DAMPBLDGMOLD	Damp Building Mold Mixture	32	3
AZTDDCCOMB	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine	51	*	DIESELFUEL	Diesel fuel marine	43	16
AZTDDICOMB	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)	51	*	DIET2000	NTP-2000 diet	53	*
AZTISONIAZID	AZT + Isoniazid (AIDS Initiative)	36	16	DIET88+EGMBE	NTP-88 diet study (EGMBE)	53	*
AZTMETHCOMB	AZT + Methadone HCl (AIDS)	51	*	DIET88+EGMEE	NTP-88 diet study (EGMEE)	53	*
AZTRIFAMPIN	AZT + Rifampin (AIDS Initiative)	36	16	DIET88+EGMME	NTP-88 diet study (EGMME)	53	*
AZTTMPSMX	AZT + TMP/SMX (mixture) combination	51	*	DIET88+MNITR	NTP-88 diet study (m-Nitrotoluene)	53	*
AZTTMPSMX	AZT + TMP/SMX (mixture) combination	51	*				
AZTZINAMIDE	AZT + Pyrazinamide combination (AIDS Initiative)	36	16				

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DIET88+PNITR	NTP-88 diet study (p-Nitrotoluene)	53	*
DIET90	NTP 90 diet study	50	17
DIET9192	NTP 91/92 diet study	50	17
DIETEVAL	Diet Evaluation Study	52	*
DIETH/DIMETH	Diethyl phthalate/dimethyl phthalate	43	16
ECOLI_LPS	Lipopolysaccharides from Escherichia coli	53	*
@ EFSSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8
@ EFSSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4
ELECTROMAG	Magnetic fields (EMF)	45	16
ELECTROMAG	Magnetic fields (EMF)	53	*
ELECTROMAG	Magnetic fields (EMF)	38	16
@ ELECTROMAG	Magnetic fields + DMBA initiation promotion (Primary CASRN is EMF+DMBA)	38	16
EMF+DMBA	Magnetic fields + DMBA initiation promotion	38	16
@ EMTDP-33	Diesel fuel marine (Primary CASRN is DIESELFUEL)	43	16
@ EMTDP-71	Chlorinated paraffins: C23, 43% chlorine (Primary CASRN is 108171-27-3)	41	16
EMTDP-74	Selsun	47	16
EMTDP-75	Black newsprint ink	37	16
EMTDP-76	3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	53	*
EMTDP-76	3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	53	*
@ EMTDP-86	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine (Primary CASRN is AZTDDCCOMB)	51	*
@ EMTDP-92	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	39	16
@ EMTDP-93	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	39	16
@ EMTDP-99	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	39	16
@ EMTDP-99	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	49	16
EPHEDCOMBO	Ephedrine + caffeine combination	52	*
EPHEDCOMBO	Ephedrine + caffeine combination	52	*
FEDRESTRICT	Feed restriction studies	44	16
FLAXSEED+MEL	Prevention 1 (Flaxseed oil + melatonin)	54	*
GARNET	Abrasive blasting agents (garnet)	51	*
GLUCOSCHONDN	Glucosamine Hydrochloride + Chondroitin Sulfate	53	*
GLYCINEBENZA	Benzyl acetate + glycine combination study	51	*
GOLDENSEALRT	Goldenseal root powder	38	16

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CASRN	CHEMICAL NAME	PAGE	REF
GOLDENSEALRT	Goldenseal root powder	44	16
GREENTEAEXTR	Green Tea Extract	33	5
GREENTEAEXTR	Green Tea Extract	44	16
GUMGUGGULEXT	Gum Guggul Extract	53	*
H2ODAMAGEMLD	Water Damaged Building Mold Mixture	32	3
HEMATITESPEC	Abrasive Blasting Agents: Specular Hematite	35	14
HYDROXYGLYSAL	alpha/beta Hydroxy acids (glycolic acid, salicylic acid)	40	16
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	44	16
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	44	16
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	44	16
INSERTMUT	Insertional mutagenesis (LTR/SIN vectors)	53	*
INSERTMUT2	Insertional mutagenesis II (SIN vector)	53	*
INSERTMUT3	Insertional Mutagenesis - Definitive Vector Study	34	8
INSERTMUT3	Insertional Mutagenesis - Definitive Vector Study	32	4
INSERTMUTRAD	Insertional mutagenesis (Radiation Levels)	53	*
INTAZTCOMB	Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative)	44	16
INTDDCCOMB	Interferon AD + ddC (AIDS Initiative)	53	*
INTERFERONAD	Interferon AD (AIDS Initiative)	44	16
@ INTERFERONAD	Interferon AD + 3'-azido-3'- deoxythymidine (AIDS Initiative) (Primary CASRN is INTAZTCOMB)	44	16
@ INTERFERONAD	Interferon AD + ddC (AIDS Initiative) (Primary CASRN is INTDDCCOMB)	53	*
IONICLIQUIDS	Ionic liquid Toxicity	53	*
ISOFLAVCONCN	Prevention 6 (isoflavone concentrate)	54	*
ISOFLAVSOYPT	Prevention 6 (low isoflavone soy protein powder)	54	*
LA2007	Libby Amphibole 2007	32	4
LEADORES	Lead ores	53	*
L-MWNT-1020	1020 Long Multiwalled Carbon Nanotube	35	13
L-MWNT-1020	1020 Long Multiwalled Carbon Nanotube	34	7
@ LTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8
@ LTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4
MEL+CURCUMIN	Prevention 4 (Melatonin + curcumin)	54	*
MEL+INDOLCAR	Prevention 4 (Melatonin + indole-3-carbinol)	54	*
MELCYANCOMB	Melamine + Cyanuric Acid combination	33	5
MELCYANCOMB	Melamine + Cyanuric Acid combination	53	*

@ Denotes multiple CASRNs for study -- see following line for primary CASRN

* See Appendix, Short-Term Studies for Which Toxicity Technical Reports Were Not Prepared

Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location				Index of Chemicals by Chemical Abstracts Service Registry Number (CASRN) with Reference Location			
CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
MELCYANCOMB	Melamine + Cyanuric Acid combination	33	5	SANTRIMER2	Styrene-acrylonitrile trimer	47	16
MICROBIOME	Microbiome	33	5	SILYMARN+MEL	Prevention 2 (Silymarin + melatonin)	54	*
MICROCYSTNMX	Microcystin mixture (TGMX)	53	*	@ SINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8
MOUSEAGE	Mouse ageing study	50	17	@ SINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4
MOUSEPHENO1	Aging Cohort Study: 12951/SvlmJ mouse	34	10	STACHYSTRN1	Stachybotrys chartarum strain 1 mold (macrocytic trichothecene chemotype)	32	3
MOUSEPHENO10	Aging Cohort Study: NZO/HiLtJ mouse	34	10	STACHYSTRN2	Stachybotrys chartarum strain 2 mold (atranone chemotype)	32	3
MOUSEPHENO2	Aging Cohort Study: A/J mouse	34	10	STEELWELDFUM	Welding fumes	56	*
MOUSEPHENO3	Aging Cohort Study: C3H/HeJ mouse	34	10	SYNTILO1023	Metal working fluids (Syntilo 1023)	53	*
MOUSEPHENO4	Aging Cohort Study: C57/BL/6J mouse	34	10	TEFBINARYMIX	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153)	47	16
MOUSEPHENO5	Aging Cohort Study: CAST/EiJ mouse	34	10	TEFDIOXINMIX	Toxic equivalency factor evaluation (Dioxin mixture)	48	16
MOUSEPHENO6	Aging Cohort Study: B6C3F1J mouse	34	10	TEFPCBMIX	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/PCB 118)	47	16
MOUSEPHENO7	Aging Cohort Study: NOD. B10Sn-H2(b)/J	34	10	TEFTGMIXTURE	TEF transgenics (PCB 126 / PECDF mixture)	54	*
MOUSEPHENO8	Aging Cohort Study: PWK/PhJ mouse	34	10	@ TGMODELEVAL	Transgenic Model Evaluation II (Acesulfame Potassium) (Primary CASRN is 55589-62-3)	36	16
MOUSEPHENO9	Aging Cohort Study: WSB/EiJ mouse	34	10	TGMXBDECLASS	BDE Toxicogenomics Study (TGMX)	32	2
@ NAOSPINEXTR	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	TGMXFLAVCLAS	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX)	55	*
@ NAOSPINEXTR	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	51	*	TGMXRALVFEEED	Rat feed study (TGMX rat liver evaluation)	54	*
NAOSPINEXTR	Antioxidant model (TRAMP) - NAO (spinach extract)	51	*	@ THUJONEMIXAB	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	33	5
NCTSTANDARD	NCT/DERT standardization experiment (APAP & AMAP)	53	*	@ THUJONEMIXAB	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	39	16
@ NTPMOCKVEC	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8	@ THUJONEMIXAB	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	48	16
@ NTPMOCKVEC	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4	@ TMPSMXMIXNTP	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSMX)	51	*
OZONNNKCOMB	Ozone/NNK	46	16	@ TMPSMXMIXNTP	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSMX)	51	*
PBCONTAMSOIL	Lead contaminated soil	53	*	TRIMSC210	Metal working fluids (Trim SC210)	53	*
PCNCOMPARISN	PCN 66/67 comparison study	35	14	TRIMVX	Metal Working Fluids: TRIM® VX	45	16
PESTFERTMIX2	Pesticide/fertilizer contamination--mixture 2	39	16	@ UORFLTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8
PESTFERTMIX3	Pesticide/fertilizer contamination--mixture 3	39	16	@ UORFLTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4
PREGRATECOMP	Pregnancy Rate Comparison Study	54	*	URETHCOMB	Urethane + ethanol (combination)	39	16
PREVENTION10	Prevention 10 (Soy isoflavone concentrate)	54	*	URETHCOMB	Urethane + ethanol (combination)	49	16
PREVENTION7	Prevention 7 (feed controls)	54	*	USNEALICHEN	Usnea Lichen	34	6
@ PSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	34	8				
@ PSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	32	4				
QUANTUMDOTS	Nanoscale material (Quantum dots)	53	*				
RAV5SCTLA4IG	Serotype 5 Adeno-associated Viral Vector (rAAV5SCTLA4:Ig)	35	14				
RETINOID1	Retinoid project 1	54	*				
RETROVIRVECT	Retroviral vectors	54	*				
RETROVIRVECT	Retroviral vectors	54	*				
RETROVIRVECT	Retroviral vectors	54	*				
RETROVIRVECT	Retroviral vectors	54	*				

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