

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 <https://ntp.niehs.nih.gov/>. The link to NTP testing information and study results, including abstracts, is [/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	Mouse: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	Mouse: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	Mouse:Female A/J crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	RH	Monkey:Rhesus
B6129	Mice:B6.129- Trp53<TMLBRD>	44	Rats:Sprague Dawley (NCTR)
C3B6	Mice:C3B6.129F1- Trp53<TMLBRD>	48	Rats:Cr1:CD (SD)
C3B6TRP53	Mouse: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	Mouse:Female Balb/c (C) crossed to B6.129- Trp53<tmlBrd> males homozygous for the Trp53 null allele	HSD	Rats:Harlan Sprague-Dawley
D2B6TRP53	Mouse: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<TMLBRD> (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
				Allyl bromide	106-95-6	32	16
Abrasive Blasting Agents: Blasting Sand	BLASTINGSAND	31	14	Allyl bromide	106-95-6	47	*
Abrasive blasting agents (coal slag)	COALSLAG	47	*	Allyl bromide	106-95-6	32	16
Abrasive blasting agents (crushed glass)	CRUSHEDGLASS	47	*	Allyl chloride	107-05-1	36	16
Abrasive blasting agents (garnet)	GARNET	47	*	Allyl glycidyl ether	106-92-3	36	16
Abrasive Blasting Agents: Specular Hematite	HEMATITESPEC	31	14	Allyl isothiocyanate	57-06-7	36	16
@ Acesulfame Potassium Transgenic Model Evaluation II (Listed As: Transgenic Model Evaluation II (Acesulfame Potassium))	55589-62-3	32	16	Allyl isovalerate	2835-39-4	36	16
Acetaminophen (4-hydroxyacetanilide)	103-90-2	36	16	Aloe-emodin	481-72-1	36	16
Acetaminophen (4-hydroxyacetanilide)	103-90-2	47	*	Aloe phototoxicity studies	ALOEPHOTOTOX	36	16
Acetochlor	34256-82-1	47	*	Aloe vera charcoal filtered whole leaf extract	ALOEVFILTER	36	16
Acetohexamide	968-81-0	36	16	Aloe vera gel	8001-97-6	36	16
Acetoin	513-86-0	31	14	Aloe vera whole leaf extract (native)	ALOEVLEAFEXT	36	16
Acetone	67-64-1	33	16	Aloe vera whole leaf extract (native)	ALOEVLEAFEXT	36	16
Acetonitrile	75-05-8	47	*	Aloin	1415-73-2	30	6
Acetonitrile	75-05-8	36	16	alpha/beta Hydroxy acids (glycolic acid, salicylic acid)	HYDROXYGLYSAL	36	16
Acrolein	107-02-8	33	16	alpha-Pinene	80-56-8	33	16
Acronycine	7008-42-6	36	16	alpha-Pinene	80-56-8	31	8
Acrylamide	79-06-1	30	5	Alternaria alternata mold	ALTERNARIA	30	3
Acrylamide	79-06-1	36	16	Ametryn	834-12-8	47	*
Acrylamide	79-06-1	47	*	9-Aminoacridine hydrochloride	134-50-9	47	*
@ Acryl Brilliant Green (Listed As: Malachite green)	569-64-2	41	16	9-Aminoacridine hydrochloride	134-50-9	47	*
@ Acryl Brilliant Green (Listed As: Malachite green)	569-64-2	34	16	2-Aminoanthraquinone	117-79-3	36	16
Acrylonitrile	107-13-1	36	16	5-Amino-o-cresol	2835-95-2	33	16
Actinomycin D	50-76-0	45	17	1-Amino-2,4-dibromoanthraquinone	81-49-2	36	16
Adeno-associated viral vector (hEPO)	AAVIRVECEPO	47	*	3-Amino-4-ethoxyacetanilide	17026-81-2	36	16
Adenoviral vector (hGH)	ADNVIRVECHGH	47	*	3-Amino-9-ethylcarbazole	132-32-1	45	17
Adenoviral Vector (AdhAQP1)	ADNVIRVECAQP	47	*	3-Amino-9-ethylcarbazole HCl	6109-97-3	36	16
Aflatoxin B1 (TGMX)	1162-65-8	30	5	1-Amino-2-methylanthraquinone	82-28-0	36	16
Agar	9002-18-0	36	16	2-Amino-4-nitrophenol	99-57-0	36	16
Agaritrine	2757-90-6	45	17	2-Amino-5-nitrophenol	121-88-0	36	16
Aging Cohort Study: 12951/SvlmJ mouse	MOUSEPHENO1	31	8	4-Amino-2-nitrophenol	119-34-6	36	16
Aging Cohort Study: B6C3F1J mouse	MOUSEPHENO6	31	10	2-Amino-5-nitrothiazole	121-66-4	36	16
Aging Cohort Study: C57/BL/6J mouse	MOUSEPHENO4	31	8	2-(4-Aminophenyl)-6-methyl-7- benzothiazole sulfonic acid	130-17-6	47	*
Aging Cohort Study: NZO/HiLtJ mouse	MOUSEPHENO10	31	10	3-Aminopyridine	462-08-8	47	*
Aging Cohort Study: WSB/EIJ mouse	MOUSEPHENO9	31	8	2-Aminopyridine	504-29-0	47	*
Aging Cohort Study: A/J mouse	MOUSEPHENO2	31	8	4-Aminopyridine	504-24-5	47	*
@ Aizen Malachite Green (Listed As: Malachite green)	569-64-2	41	16	Comparison study of Aminopyridines/Troponin levels	AMINOPYRCOMP	47	*
@ Aizen Malachite Green (Listed As: Malachite green)	569-64-2	34	16	11-Aminoundecanoic acid	2432-99-7	36	16
Aldicarb	116-06-3	36	16	DL-amphetamine sulfate	60-13-9	36	16
Aldrin	309-00-2	36	16	Ampicillin trihydrate	7177-48-2	36	16
Allyl acetate	591-87-7	33	16	Amsacrine	51264-14-3	45	17
Allyl alcohol	107-18-6	33	16	@ AN (Listed As: Acrylonitrile)	107-13-1	36	16
				Androstenedione	63-05-8	47	*
				Androstenedione	63-05-8	47	*
				Androstenedione	63-05-8	36	16
				Anilazine	101-05-3	36	16
				@ Aniline Green (Listed As: Malachite green)	569-64-2	41	16
				@ Aniline Green (Listed As: Malachite green)	569-64-2	34	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

CHEMICAL NAME	CASRN	PAGE	REF
Aniline hydrochloride	142-04-1	36	16
@ p-Anisidine hydrochloride Transgenic model evaluation (Listed As: Transgenic model evaluation (p-Anisidine HCl))	20265-97-8	51	*
o-Anisidine hydrochloride	134-29-2	36	16
p-Anisidine hydrochloride	20265-97-8	36	16
o-Anthranilic acid	118-92-3	36	16
Anthraquinone	84-65-1	36	16
Antimony potassium tartrate	28300-74-5		16
Antimony Trioxide	1309-64-4	36	16
Arsenic antioxidant mixture	ANTIOXCOMBO2	47	*
Arsenic antioxidant mixture	ANTIOXCOMBO2	47	*
Antioxidant model (TRAMP) - N-acetylcysteine	616-91-1	47	*
Antioxidant model (TRAMP) - Epigallocatechin gallate	989-51-5	47	*
Antioxidant model (TRAMP) - NAO (spinach extract)	NAOSPINEXTR	47	*
L-Arginine Glutamata	4320-30-3	45	17
Aroclor 1254	11097-69-1	36	16
@ Arotonoid (Retinoid project 6) (Listed As: Retinoid project 6 (Arotonoid))	125533-88-2	50	*
Arsine	7784-42-1	47	*
Asbestos, amosite	12172-73-5	36	16
Asbestos, amosite	12172-73-5	36	16
Asbestos, amosite + Dimethyl hydrazine	12172-73-5	36	16
Asbestos, chrysotile(IR)	12001-29-5	36	16
Asbestos, chrysotile(IR)	12001-29-5	36	16
Asbestos, chrysotile(IR)	12001-29-5	36	16
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	36	16
Asbestos, chrysotile(IR) + Dimethyl hydrazine	12001-29-5	36	16
Asbestos, chrysotile(SR)	12001-29-5	36	16
Asbestos, chrysotile(SR)	12001-29-5	36	16
Asbestos, crocidolite	12001-28-4	36	16
L-Ascorbic acid	50-81-7	36	16
@ Aspartame (transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Aspartame))	22839-47-0	32	16
@ Aspartame (transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Aspartame))	22839-47-0	32	16
Aspergillus versicolor mold	ASPERGILLUSV	30	6
Aspirin, phenacetin, and caffeine	8003-03-0	36	16
5-Azacytidine	320-67-2	36	16
Azathioprine	446-86-6	45	17
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	36	16
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	36	16
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	36	16
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	36	16
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3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	36	16
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3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	37	16
3'-Azido-3'-deoxythymidine (AIDS)	30516-87-1	37	16
3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine	AZTDDCCOMB	47	*
@ 3'-Azido-3'-deoxythymidine/2',3'- Dideoxycytidine (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine and 2',3'- Dideoxycytidine)	AZTDDCCOMB	47	*
3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)	AZTDDICOMB	47	*
Azinphosmethyl	86-50-0	37	16
Azobenzene	103-33-3	37	16
Azodicarbonamide	123-77-3	47	*
AZT+3TC+NVP combination	AZT3TCCOMBO	37	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
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@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	36	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	37	16
@ AZT (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine (AIDS))	30516-87-1	37	16
@ AZT + DDI (AIDS initiative) (Listed As: 3'-Azido-3'- deoxythymidine and 2',3'- Dideoxyinosine (AIDS initiative))	AZTDDICOMB	47	*
AZT/Drug Combinations Transplacental/Neonatal Study	AIDSDRUGSNEO	31	8
AZT/Drug Combinations Transplacental Carcinogenesis Study	AIDSTHERAPEU	37	16
AZT + Isoniazid (AIDS Initiative)	AZTISONIAZID	33	16
AZT + Methadone HCl (AIDS)	AZTMETHCOMB	47	*
AZT + Nitazoxanide (AIDS Initiative)	AZT+NITAZOX	47	*
AZT + Pyrazinamide combination (AIDS Initiative)	AZTZINAMIDE	33	16

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* 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
AZT + Rifampin (AIDS Initiative)	AZTRIFAMPIN	33	16	2-Biphenylamine hydrochloride	2185-92-4	37	16
AZT + TMP/SMX (mixture) combination	AZTTMPSTMX	47	*	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	47	*
AZT + TMP/SMX (mixture) combination	AZTTMPSTMX	47	*	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	33	16
AZT transplacental carcinogenesis study	30516-87-1	37	16	2,2-bis(Bromomethyl)-1,3- propanediol	3296-90-0	37	16
Barium chloride dihydrate	10326-27-9	33	16	1,3-bis(Chloroethyl)-1- nitrosourea	154-93-8	45	17
Barium chloride dihydrate	10326-27-9	37	16	bis(Chloromethyl) ether	542-88-1	45	17
@ BCNU (Listed As: 1,3- bis(Chloroethyl)-1- nitrosourea)	154-93-8	45	17	bis(2-Chloro-1-methylethyl) ether	108-60-1	37	16
Benzaldehyde	100-52-7	37	16	bis(2-Chloro-1-methylethyl) ether	108-60-1	37	16
@ Benzaldehyde Green (Listed As: Malachite green)	569-64-2	41	16	Bisphenol A	80-05-7	47	*
@ Benzaldehyde Green (Listed As: Malachite green)	569-64-2	34	16	Bisphenol A	80-05-7	37	16
Benzene	71-43-2	37	16	1,2-Bis(2,4,6- tribromophenoxy)ethane	37853-59-1	30	5
@ Benzene (Transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Benzene))	71-43-2	32	16	@ Black 38, C.I. Acid (Listed As: C.I. Direct Black 38)	1937-37-7	33	16
Benzethonium chloride	121-54-0	33	16	@ Black Cloud Mine Ore (Colorado) (Listed As: Lead ores)	LEADORES	49	*
Benzethonium chloride	121-54-0	37	16	Black Cohosh	84776-26-1	47	*
Benzidine dihydrochloride	531-85-1	47	*	Black Cohosh	84776-26-1	47	*
Benzofuran	271-89-6	37	16	Black Cohosh	84776-26-1	47	*
Benzoin	119-53-9	37	16	Black newsprint ink	EMTDP-75	33	16
Benzonitrile	100-47-0	47	*	@ Blue 15, C.I. Direct (Listed As: C.I. Direct Blue 15)	2429-74-5	38	16
Benzophenone	119-61-9	33	16	@ Blue 218, C.I. Direct (Listed As: C.I. Direct Blue 218)	28407-37-6	33	16
Benzophenone	119-61-9	37	16	@ Blue 218, C.I. Direct (Listed As: C.I. Direct Blue 218)	28407-37-6	38	16
p-Benzoquinone dioxime	105-11-3	37	16	@ Blue 6, C.I. Direct (Listed As: C.I. Direct Blue 6)	2602-46-2	33	16
1,2,3-Benzotriazole	95-14-7	37	16	@ Blue 6, C.I. Direct (Listed As: C.I. Direct Blue 6)	2602-46-2	48	*
@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	40	16	@ Blue 1, HC (Listed As: HC Blue 1)	2784-94-3	40	16
@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	40	16	@ Blue 2, HC (Listed As: HC Blue 2)	33229-34-4	40	16
@ Benzoyl peroxide (Listed As: Init/prom comparative mouse study (DMBA/ TPA/BPO/MNNG))	INIT/PROM	40	16	Boric acid	10043-35-3	37	16
Benzyl acetate	140-11-4	37	16	@ BPDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	48	*
Benzyl acetate	140-11-4	37	16	Brominated Vegetable Oil	8016-94-2	33	16
Benzyl acetate + glycine combination study	GLYCINEBENZA	47	*	Bromobenzene	108-86-1	47	*
Benzyl alcohol	100-51-6	37	16	Bromobenzene	108-86-1	47	*
Benzyl chloride	100-44-7	45	17	@ Bromochloroacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Bromochloroacetic acid))	5589-96-8	45	16
o-Benzyl-p-chlorophenol	120-32-1	33	16	Bromodichloromethane	75-27-4	37	16
o-Benzyl-p-chlorophenol	120-32-1	37	16	@ BromodichloromethaneE (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Bromodichloromethane))	75-27-4	51	*
o-Benzyl-p-chlorophenol	120-32-1	37	16				
Benzyltrimethyl ammonium chloride	56-93-9	33	16				
Benzyltrimethyl ammonium chloride	56-93-9	47	*				
Benzyltrimethyl ammonium chloride	56-93-9	33	16				
@ Binary mixture (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153))	TEFBINARYMIX	43	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
@ BromodichloromethaneE (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Bromodichloromethane))	75-27-4	51	*	2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	33	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	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	32	16	tert-Butyl alcohol	75-65-0	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	tert-Butyl alcohol	75-65-0	33	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	Butylated hydroxytoluene	128-37-0	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	N-Butylbenzenesulfonamide	3622-84-2	30	5
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	N-Butylbenzenesulfonamide	3622-84-2	30	3
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	Butyl benzyl phthalate	85-68-7	37	16
@ Bromodichloromethane (Water disinfection model) (Listed As: Water disinfection model (Bromodichloromethane))	75-27-4	32	16	Butyl benzyl phthalate	85-68-7	33	16
Bromoethane (ethyl bromide)	74-96-4	37	16	Butyl benzyl phthalate	85-68-7	37	16
@ Bromoform (Listed As: Tribromomethane)	75-25-2	44	16	p-tert-Butylcatechol	98-29-3	33	16
beta-Bromo-beta-nitrostyrene	7166-19-0	33	16	p-tert-Butylcatechol	98-29-3	33	16
1-Bromopropane	106-94-5	37	16	n-Butyl chloride	109-69-3	37	16
@ Brown 95, C.I. Direct (Listed As: C.I. Direct Brown 95)	16071-86-6	33	16	n-Butyl Glycidyl Ether	2426-08-6	48	*
1,3-Butadiene	106-99-0	37	16	tert-Butyl hydroperoxide	75-91-2	48	*
1,3-Butadiene	106-99-0	48	*	tert-Butyl hydroperoxide	75-91-2	48	*
1,3-Butadiene	106-99-0	37	16	t-Butylhydroquinone	1948-33-0	37	16
1,3-Butadiene	106-99-0	45	17	tert-Butyl perbenzoate	614-45-9	33	16
Butanal oxime	110-69-0	33	16	tert-Butylphenyl Diphenyl Phosphate	56803-37-3	48	*
1,4-Butanediol	110-63-4	16		Butyraldehyde	123-72-8	48	*
2,3-Butanedione	431-03-8	32	14	gamma-Butyrolactone	96-48-0	37	16
@ tert-Butanol (Listed As: tert-Butyl alcohol)	75-65-0	37	16	@ C9 Alkylbenzenes (Listed As: Cumene)	98-82-8	38	16
@ tert-Butanol (Listed As: tert-Butyl alcohol)	75-65-0	33	16	@ C9 Alkylbenzenes (Listed As: 2-ethyltoluene)	611-14-3	48	*
@ Butanone oxime (Listed As: Methyl ethyl ketoxime)	96-29-7	35	16	@ C9 Alkylbenzenes (Listed As: 3-ethyltoluene)	620-14-4	48	*
@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	33	16	@ C9 Alkylbenzenes (Listed As: 4-ethyltoluene)	622-96-8	48	*
@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	33	16	Cadmium oxide	1306-19-0	33	16
@ Butoxyethanol (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	37	16	Cadmium oxide	1306-19-0	33	16
@ Butoxyethanol (Listed As: NTP-88 diet study (EGMBE))	DIET88+EGMBE	49	*	@ Cadox TBH (Listed As: tert-Butyl hydroperoxide)	75-91-2	48	*
2-Butoxyethanol (ethylene glycol monobutyl ether)	111-76-2	33	16	@ Cadox TBH (Listed As: tert-Butyl hydroperoxide)	75-91-2	48	*
				Caffeine	58-08-2	48	*
				Calcium chromate	13765-19-0	45	17
				Calcium cyanamide	156-62-7	37	16
				DL-Camphor	76-22-2	48	*
				Caprolactam	105-60-2	37	16
				Captan	133-06-2	37	16
				Carbaryl	63-25-2	48	*
				Carbon disulfide	75-15-0	48	*
				Carbon disulfide	75-15-0	48	*
				Carbon disulfide	75-15-0	48	*
				Carbon tetrachloride	56-23-5	45	17
				Carbromal	77-65-6	37	16
				Cardio Transmitter Gene Evaluation	CARDIOGENEVL	48	*
				Carisoprodol	78-44-4	48	*
				Carisoprodol	78-44-4	33	16
				Carisoprodol	78-44-4		16
				D-Carvone	2244-16-8	37	16

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CHEMICAL NAME	CASRN	PAGE	REF
Castor oil	8001-79-4	33	16
Cedarwood oil	8000-27-9	31	14
Cell Phone Radiation: CDMA	CELLPRADCDMA	31	13
Cell Phone Radiation: GSM	CELLPRADGSM	31	13
Cellulose insulation	CELLULOSEINS	33	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	37	16
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	48	*
@ CEM (Listed As: bis(2-Chloroethoxy)methane)	111-91-1	48	*
Chemical mixture - drinking water contaminants	CHEMMIXH2O	33	16
Chitosan	9012-76-4	31	12
Chloral hydrate	302-17-0	37	16
Chloral hydrate	302-17-0	33	16
Chloral hydrate	302-17-0	37	16
Chloramben	133-90-4	37	16
Chlorambucil	305-03-3	45	17
Chloraminated water	CHLORAMINEMX	37	16
Chloramphenicol sodium succinate	982-57-0	48	*
Chlordane (analytical grade)	57-74-9	37	16
Chlordecone	143-50-0	37	16
Chlorendic acid	115-28-6	37	16
Chlorinated paraffins: C12, 60% chlorine	108171-26-2	37	16
Chlorinated paraffins: C23, 43% chlorine	108171-27-3	37	16
Chlorinated trisodium phosphate	56802-99-4	37	16
Chlorinated water	CHLORWATERMX	37	16
@ Chlorine/Sodium hypochlorite (Listed As: Chlorinated water)	CHLORWATERMX	37	16
2-Chloroacetophenone (CN)	532-27-4	37	16
4-(Chloroacetyl)acetanilide	140-49-8	37	16
m-Chloroaniline	108-42-9	33	16
o-Chloroaniline	95-51-2	33	16
p-Chloroaniline	106-47-8	37	16
p-Chloroaniline hydrochloride	20265-96-7	37	16
o-Chlorobenzalmalononitrile (CS)	2698-41-1	37	16
Chlorobenzene	108-90-7	37	16
Chlorobenzilate	510-15-6	37	16
Chlorodibromomethane	124-48-1	37	16
3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone(MX)	77439-76-0	48	*
Chloroethane	75-00-3	37	16
2-Chloroethanol (ethylene chlorohydrin)	107-07-3	37	16
bis(2-Chloroethoxy)methane	111-91-1	37	16
bis(2-Chloroethoxy)methane	111-91-1	48	*
bis(2-Chloroethoxy)methane	111-91-1	48	*
2-Chloroethyltrimethylammonium chloride	999-81-5	37	16
Chloroform	67-66-3	38	16
Chloromethyl methyl ether	107-30-2	45	17
3-Chloro-2-methylpropene	563-47-3	38	16

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CHEMICAL NAME	CASRN	PAGE	REF
2-Chloromethylpyridine hydrochloride	6959-47-3	38	16
3-Chloromethylpyridine hydrochloride	6959-48-4	38	16
4-Chloro-2-nitroaniline	89-63-4	48	*
2-Chloronitrobenzene	88-73-3	33	16
4-Chloronitrobenzene	100-00-5	33	16
4-Chloro-m-phenylenediamine	5131-60-2	38	16
4-Chloro-o-phenylenediamine	95-83-0	38	16
2-Chloro-p-phenylenediamine sulfate	61702-44-1	38	16
Chloropicrin	76-06-2	38	16
Chloroprene	126-99-8	33	16
Chloroprene	126-99-8	38	16
Chloroprene	126-99-8	48	*
Chloroprene	126-99-8	48	*
1-Chloro-2-propanol, technical	127-00-4	33	16
1-Chloro-2-propanol, technical	127-00-4	48	*
1-Chloro-2-propanol, technical	127-00-4	38	16
@ 1-Chloro-2-propanol, technical (Transgenic LECM) (Listed As: Transgenic LECM (1-Chloro-2-propanol, technical))	127-00-4	51	*
@ 1-Chloro-2-propanol, technical (Transgenic LECM) (Listed As: Transgenic LECM (1-Chloro-2-propanol, technical))	127-00-4	51	*
o-Chloropyridine	109-09-1	48	*
o-Chloropyridine	109-09-1	31	14
Chlorothalonil	1897-45-6	38	16
3-Chloro-p-toluidine	95-74-9	38	16
5-Chloro-o-toluidine	95-79-4	38	16
4-Chloro-o-toluidine hydrochloride	3165-93-3	38	16
p-Chloro-a,a,a-trifluorotoluene	98-56-6	31	12
p-Chloro-a,a,a-trifluorotoluene	98-56-6	32	14
p-Chloro-a,a,a-trifluorotoluene	98-56-6	33	16
p-Chloro-a,a,a-trifluorotoluene	98-56-6	33	16
@ Chlorowax 40 (Listed As: Chlorinated paraffins: C23, 43% chlorine)	108171-27-3	37	16
@ Chlorowax 500C (Listed As: Chlorinated paraffins: C12, 60% chlorine)	108171-26-2	37	16
Chlorpheniramine maleate	113-92-8	38	16
Chlorpropamide	94-20-2	38	16
Chromium	7440-47-3	45	17
Chromium picolinate monohydrate	27882-76-4	38	16
@ Chrysotile asbestos (Listed As: Asbestos, chrysotile(IR) + Dimethyl hydrazine)	12001-29-5	36	16
@ Chrysotile asbestos (Listed As: Asbestos, chrysotile(IR) + Dimethyl hydrazine)	12001-29-5	36	16
C.I. Phthalocyanine green	1328-53-6	48	*
C.I. Acid Orange 3	6373-74-6	38	16
C.I. Acid Orange 10	1936-15-8	38	16

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CHEMICAL NAME	CASRN	PAGE	REF
C.I. Acid Red 14	3567-69-9	38	16
C.I. Acid Red 114	6459-94-5	38	16
@ C.I. Basic Green 4 (Listed As: Malachite green)	569-64-2	41	16
@ C.I. Basic Green 4 (Listed As: Malachite green)	569-64-2	34	16
@ C.I. Basic Red 1 (Listed As: Rhodamine 6G)	989-38-8	43	16
C.I. Basic Red 9 Monohydrochloride	569-61-9	38	16
C.I. Direct Black 38	1937-37-7	33	16
C.I. Direct Blue 6	2602-46-2	33	16
C.I. Direct Blue 6	2602-46-2	48	*
C.I. Direct Blue 15	2429-74-5	38	16
C.I. Direct Blue 218	28407-37-6	33	16
C.I. Direct Blue 218	28407-37-6	38	16
C.I. Direct Brown 95	16071-86-6	33	16
C.I. Disperse Blue 1	2475-45-8	38	16
C.I. Disperse Yellow 3	2832-40-8	38	16
1,8-Cineol	470-82-6	48	*
1,8-Cineol	470-82-6	48	*
Cinnamaldehyde	104-55-2	48	*
trans-Cinnamaldehyde	14371-10-9	38	16
trans-Cinnamaldehyde	14371-10-9	48	*
Cinnamyl anthranilate	87-29-6	38	16
C.I. Pigment Red 3	2425-85-6	38	16
C.I. Pigment Red 23	6471-49-4	38	16
C.I. Solvent Yellow 14	842-07-9	38	16
Citral	5392-40-5	38	16
Citral	5392-40-5	48	*
Citral	5392-40-5	48	*
C.I. Vat Yellow 4	128-66-5	38	16
Clonitralid	1420-04-8	38	16
@ CN (Listed As: 2-Chloroacetophenone (CN))	532-27-4	37	16
Cobalt	7440-48-4	38	16
Cobalt sulfate heptahydrate	10026-24-1		16
Cobalt sulfate heptahydrate	10026-24-1	38	16
Coconut oil acid diethanolamine condensate	68603-42-9	38	16
@ Coconut oil acid/diethanolamine condensate (Listed As: Coconut oil acid diethanolamine condensate)	68603-42-9	38	16
@ Coconut oil acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Coconut oil acid diethanolamine condensate))	68603-42-9	51	*
@ Coconut oil acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Coconut oil acid diethanolamine condensate))	68603-42-9	51	*
Codeine	76-57-3	33	16
Codeine	76-57-3	38	16
@ Copper sulfate (Listed As: Cupric sulfate)	7758-99-8	33	16

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CHEMICAL NAME	CASRN	PAGE	REF
@ Copper sulfate (Listed As: Cupric sulfate)	7758-99-8	33	16
Corn oil	8001-30-7	38	16
Coumaphos	56-72-4	38	16
Coumarin	91-64-5	33	16
Coumarin	91-64-5	38	16
m-Cresidine	102-50-1	38	16
p-Cresidine	120-71-8	38	16
p-Cresidine	120-71-8	48	*
m-Cresol	108-39-4	33	16
o-Cresol	95-48-7	33	16
p-Cresol	106-44-5	33	16
Cresols	1319-77-3	33	16
Cresols	1319-77-3	38	16
@ Crocidolite asbestos (Listed As: Asbestos, crocidolite)	12001-28-4	36	16
Crotonaldehyde	4170-30-3	48	*
Crumb rubber various	CRUMBRUBBERVARIOUS	30	5
@ CS (Listed As: o-Chlorobenzalmalononitrile (CS))	2698-41-1	37	16
@ CTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	31	12
@ CTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	32	14
@ CTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16
@ CTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16
Cumene	98-82-8	38	16
Cumene hydroperoxide	80-15-9	48	*
Cupferron	135-20-6	38	16
Cupric sulfate	7758-99-8	33	16
Cupric sulfate	7758-99-8	33	16
@ Curcumin (Prevention 4) (Listed As: Prevention 4 (Curcumin))	458-37-7	50	*
Cyclanilide	113136-77-9	48	*
2-Cyclohexen-1-one	930-68-7	48	*
Cyclohexanone	108-94-1	45	17
Cyclohexanone oxime	100-64-1	33	16
Cyclohexene oxide	286-20-4	48	*
Cyclohexene oxide	286-20-4	48	*
Cyclohexene oxide	286-20-4	48	*
Cyclophosphamide	50-18-0	45	17
@ Cyclophosphamide monohydrate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclophosphamide monohydrate))	6055-19-2	51	*
@ Cyclophosphamide monohydrate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclophosphamide monohydrate))	6055-19-2	51	*

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Cyclosporin A (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclosporin A))	59865-13-3	51	*	@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	39	16
@ Cyclosporin A (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Cyclosporin A))	59865-13-3	51	*	@ DEP (Listed As: Diethyl phthalate)	84-66-2	39	16
Cyfluthrin	68359-37-5	48	*	@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	51	*
Cyprodinil	121552-61-2	48	*	@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	51	*
Cytarabine	147-94-4	45	17	@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	51	*
Cytembena	21739-91-3	38	16	@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	51	*
Cytoxal alcohol	4465-94-5	45	17	@ DES (Transgenic model evaluation) (Listed As: Transgenic model evaluation (DES))	56-53-1	51	*
@ 2,4-D (Peroxisome project) (Listed As: Peroxisome project (2,4-Dichlorophenoxyacetic acid))	94-75-7	50	*	@ DGRE (Listed As: Diglycidyl resorcinol ether (DGRE))	101-90-6	39	16
Dacarbazine	4342-03-4	45	17	@ DHPT (Listed As: 4-(6-Methyl-2-benzothiazolyl)-benzenamine)	92-36-4	49	*
Daminozide	1596-84-5	38	16	@ DIACETYL (Listed As: 2,3-Butanedione)	431-03-8	32	14
Damp Building Mold Mixture	DAMPBLDGMOLD	30	3	Diallyl phthalate	131-17-9	38	16
@ DAPSONE (Listed As: 4,4'-Sulfonyldianiline (Dapsone))	80-08-0	43	16	Diallyl phthalate	131-17-9	38	16
Daunomycin	20830-81-3	45	17	4,4'-Diamino-2,2'-stilbenedisulfonic acid, disodium salt	7336-20-1	38	16
@ DBCP (Listed As: 1,2-Dibromo-3-chloropropane)	96-12-8	38	16	2,4-Diaminoanisole sulfate	39156-41-7	38	16
@ DBCP (Listed As: 1,2-Dibromo-3-chloropropane)	96-12-8	38	16	2,4-Diaminophenol dihydrochloride	137-09-7	38	16
@ 1,3-DCP (Listed As: 1,3-Dichloropropene (Telone II))	542-75-6	39	16	2,4-Diaminotoluene (2,4-toluene diamine)	95-80-7	38	16
D&C Red No. 9	5160-02-1	38	16	@ 2,6-Diaminotoluene HCL (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,6-Diaminotoluene 2HCL))	15481-70-6	51	*
D&C Yellow No. 11	8003-22-3	33	16	@ 2,6-Diaminotoluene HCL (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,6-Diaminotoluene 2HCL))	15481-70-6	51	*
D&C Yellow No. 11	8003-22-3	38	16	@ 2,4-Diaminotoluene (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,4-Diaminotoluene))	95-80-7	51	*
@ DDC (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*	@ 2,4-Diaminotoluene (Transgenic model evaluation) (Listed As: Transgenic model evaluation (2,4-Diaminotoluene))	95-80-7	51	*
@ DDC (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*	Diarylanilide yellow	6358-85-6	38	16
@ DDC (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*	Diazinon	333-41-5	38	16
o,p'-DDD	53-19-0	45	17	Diazoaminobenzene	136-35-6	33	16
@ DDT (Listed As: Dichlorodiphenyltrichloroethane (DDT))	50-29-3	39	16	Dibenzo-p-dioxin	262-12-4	38	16
@ DDVP (Listed As: Dichlorvos)	62-73-7	39	16	@ DIBP (Listed As: Dibutyl Phthalate)	84-74-2	33	16
@ DDVP (Listed As: Dichlorvos)	62-73-7	39	16	@ DIBP (Listed As: Dibutyl Phthalate)	84-74-2	33	16
Decabromodiphenyl Ether	1163-19-5	38	16	@ Dibromoacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Dibromoacetic acid))	631-64-1	52	*
2,4-Decadienal	25152-84-5	48	*				
2,4-Decadienal	25152-84-5	33	16				
Decalin	91-17-8	38	16				
@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	48	*				
@ DEHP (Listed As: Di(2-ethylhexyl) Phthalate)	117-81-7	48	*				

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* 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
@ Dibromoacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Dibromoacetic acid))	631-64-1	45	16	1,2-Dichlorobenzene (o-dichlorobenzene)	95-50-1	39	16
1,2-Dibromo-3-chloropropane	96-12-8	38	16	1,4-Dichlorobenzene (p-dichlorobenzene)	106-46-7	39	16
1,2-Dibromo-3-chloropropane	96-12-8	38	16	5,6-Dichloro-2-benzothiazolamine	24072-75-1	48	*
@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4-dicyanobutane)	35691-65-7	48	*	2,7-Dichlorodibenzo-p-dioxin	33857-26-0	39	16
@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4-dicyanobutane)	35691-65-7	48	*	@ 1,2-Dichloro-1,1-difluoroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,2-Dichloro-1,1-difluoroethane))	1649-08-7	34	16
@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4-dicyanobutane)	35691-65-7	33	16	p,p'-Dichlorodiphenyl dichloroethylene	72-55-9	39	16
@ Dibromodicyanobutane (Listed As: 1,2-Dibromo-2,4-dicyanobutane)	35691-65-7	38	16	p,p'-Dichlorodiphenyl sulfone	80-07-9		16
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	48	*	p,p'-Dichlorodiphenyl sulfone	80-07-9	39	16
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	48	*	Dichlorodiphenyltrichloroethane (DDT)	50-29-3	39	16
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	33	16	1,1-Dichloroethane	75-34-3	39	16
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	38	16	1,2-Dichloroethane	107-06-2	39	16
Dibromodulcitol	10318-26-0	45	17	1,2-Dichloroethane	107-06-2	33	16
1,2-Dibromoethane	106-93-4	38	16	1,2-Dichloroethane	107-06-2		16
1,2-Dibromoethane	106-93-4	38	16	1,2-Dichloroethane	107-06-2		16
Dibromomannitol	488-41-5	45	17	1,2-Dichloroethane	107-06-2		16
2,3-Dibromo-1-propanol	96-13-9	38	16	@ Dichloroethylene,1,1 (Listed As: Vinylidene Chloride)	75-35-4	45	16
Dibutyl Phthalate	84-74-2	33	16	@ Dichloroethylene,1,1 (Listed As: Vinylidene Chloride)	75-35-4	45	16
Dibutyl Phthalate	84-74-2	33	16	cis & trans 1,2-Dichloroethylene	540-59-0	48	*
@ Dibutyl phthalate (Peroxisome project) (Listed As: Peroxisome project (Dibutyl phthalate))	84-74-2	50	*	cis-1,2-Dichloroethylene	156-59-2	48	*
Dibutyltin diacetate	1067-33-0	38	16	trans-1,2-Dichloroethylene	156-60-5	48	*
@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	34	16	trans-1,2-Dichloroethylene	156-60-5	48	*
@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	32	16	trans-1,2-Dichloroethylene	156-60-5	34	16
@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	32	16	@ Dichloromethane (Listed As: Methylene chloride)	75-09-2	41	16
@ DIC (Listed As: Diisopropylcarbodiimide)	693-13-0	39	16	Dichloromethotrexate	528-74-5	46	17
@ Dichloroacetic acid (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Dichloroacetic acid))	79-43-6	52	*	2,4-Dichlorophenol	120-83-2	39	16
@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	32	16	2,6-Dichloro-p-phenylenediamine	609-20-1	39	16
@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	32	16	1,2-Dichloropropane (propylene dichloride)	78-87-5	39	16
@ Dichloroacetic acid (Water disinfection mode) (Listed As: Water disinfection model (Dichloroacetic acid))	79-43-6	32	16	1,3-Dichloropropene (Telone II)	542-75-6	39	16
				2,3-Dichloropropylene	78-88-6	48	*
				Dichlorvos	62-73-7	39	16
				Dichlorvos	62-73-7	39	16
				Dicofol	115-32-2	39	16
				Dicyclohexylcarbodiimide	538-75-0	32	16
				Dicyclohexylcarbodiimide	538-75-0	32	16
				Dicyclohexylcarbodiimide	538-75-0	32	16
				N,N'-Dicyclohexylthiourea	1212-29-9	39	16
				2',3'-Dideoxycytidine	7481-89-2	48	*
				2',3'-Dideoxycytidine	7481-89-2	48	*
				2',3'-Dideoxycytidine	7481-89-2	48	*
				@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*
				@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*

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Alphabetical Index of Chemicals with Reference Location

CHEMICAL NAME	CASRN	PAGE	REF
@ 2',3'-Dideoxycytidine (AIDS Initiative) (Listed As: 2',3'-Dideoxycytidine)	7481-89-2	48	*
Dieldrin	60-57-1	39	16
Dieldrin	60-57-1	39	16
Diesel fuel marine	DIESELFUEL	39	16
Diet Evaluation Study	DIETEVAL	48	*
Diethanolamine	111-42-2	34	16
Diethanolamine	111-42-2	34	16
Diethanolamine	111-42-2	39	16
@ Diethanolamine (Transgenic LECM) (Listed As: Transgenic LECM (diethanolamine))	111-42-2	52	*
Diethylamine	109-89-7	39	16
Di(2-ethylhexyl)adipate	103-23-1	39	16
Di(2-ethylhexyl) Phthalate	117-81-7	48	*
Di(2-ethylhexyl) Phthalate	117-81-7	48	*
Di(2-ethylhexyl) Phthalate	117-81-7	39	16
@ Di (2-ethylhexyl) phthalate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Di(2-ethylhexyl) phthalate))	117-81-7	51	*
@ Di (2-ethylhexyl) phthalate (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Di(2-ethylhexyl) phthalate))	117-81-7	51	*
Di(p-ethylphenyl)dichloroethane	72-56-0	39	16
Diethyl phthalate	84-66-2	39	16
Diethyl phthalate/dimethyl phthalate	DIETH/DIMETH	39	16
N,N'-Diethylthiourea	105-55-5	39	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	34	16
Diglycidyl resorcinol ether (DGRE)	101-90-6	39	16
3,4-Dihydrocoumarin	119-84-6	34	16
3,4-Dihydrocoumarin	119-84-6	39	16
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	34	16
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	39	16
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	34	16
1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	147-47-7	39	16
1,2-Dihydro-2,2,4-trimethylquinoline (polymer)	26780-96-1	48	*
Diisopropylcarbodiimide	693-13-0	34	16
Diisopropylcarbodiimide	693-13-0	32	16
Diisopropylcarbodiimide	693-13-0	32	16
Diisopropylcarbodiimide	693-13-0	39	16
Dimethoate	60-51-5	39	16
Dimethoxane	828-00-2	39	16
2,4-Dimethoxyaniline hydrochloride	54150-69-5	39	16

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CHEMICAL NAME	CASRN	PAGE	REF
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0	39	16
3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0	39	16
Dimethylaminopropyl chloride, hydrochloride	5407-04-5	48	*
Dimethylaminopropyl chloride, hydrochloride	5407-04-5	34	16
N,N-Dimethylaniline	121-69-7	39	16
@ 7,12-Dimethylbenz(A)anthracene (DMBA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
@ 7,12-Dimethylbenz(A)anthracene (DMBA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
@ 7,12-Dimethylbenz(A)anthracene (DMBA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
3,3'-Dimethylbenzidine dihydrochloride	612-82-8	39	16
Dimethylcarbonyl chloride	79-44-7	46	17
Dimethylformamide	68-12-2		16
Dimethyl hydrazine (DMH)	57-14-7	46	17
1,2-Dimethylhydrazine 2HCl	306-37-6	46	17
Dimethyl hydrogen phosphite	868-85-9	39	16
Dimethyl methylphosphonate	756-79-6	39	16
Dimethyl morpholinophosphoramidate	597-25-1	39	16
Dimethyl terephthalate	120-61-6	39	16
N,N-Dimethyl-p-toluidine	99-97-8	31	10
N,N-Dimethyl-p-toluidine	99-97-8	48	*
N,N-Dimethyl-p-toluidine	99-97-8	39	16
Dimethylvinyl chloride (DMVC)	513-37-1	39	16
2,4-Dinitrotoluene	121-14-2	39	16
1,4-Dioxane	123-91-1	39	16
Dioxathion	78-34-2	39	16
@ Dioxin mixture (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (Dioxin mixture))	TEFDIOXINMIX	44	16
Diphenhydramine hydrochloride	147-24-0	39	16
1,3-Diphenylguanidine	102-06-7		16
5,5-Diphenylhydantoin (phenytoin)	57-41-0	39	16
Dipropylene glycol	25265-71-8	34	16
Dipropylene glycol	25265-71-8	39	16
2,5-Dithiobiurea	142-46-1	39	16
Divinylbenzene	1321-74-0	48	*
Divinylbenzene	1321-74-0	39	16
@ DMBA + EMF init prom (Listed As: Magnetic fields + DMBA initiation promotion)	EMF+DMBA	34	16
@ DMBA/TPA/BPO/MNNG (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16

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CHEMICAL NAME	CASRN	PAGE	REF
@ DMBA/TPA/BPO/MNNG (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
@ DMBA/TPA/BPO/MNNG (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
@ DMVC (Listed As: Dimethylvinyl chloride (DMVC))	513-37-1	39	16
Dong quai (Angelica sinensis root extract)	299184-76-2	30	2
Doxylamine	469-21-6	39	16
@ EDTA (Listed As: Trisodium ethylenediaminetetraacetate trihydrate (EDTA))	150-38-9	45	16
@ EGMBE (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	33	16
@ EGMBE (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	33	16
@ EGMBE (Listed As: 2-Butoxyethanol (ethylene glycol monobutyl ether))	111-76-2	37	16
@ EGMEE (Listed As: Ethylene glycol monoethyl ether (EGMEE))	110-80-5	34	16
@ EGMEE (Listed As: Ethylene glycol monoethyl ether (EGMEE))	110-80-5	34	16
@ EGMEE (Listed As: Ethylene glycol monoethyl ether (EGMEE))	109-86-4	34	16
@ EGMEE (Listed As: Ethylene glycol monoethyl ether (EGMEE))	109-86-4	34	16
Elmiron (sodium pentosanpolysulfate)	37319-17-8	39	16
Elmiron (sodium pentosanpolysulfate)	37319-17-8	34	16
Emetine hydrochloride	316-42-7	39	16
@ EMF + DMBA init prom (Listed As: Magnetic fields + DMBA initiation promotion)	EMF+DMBA	34	16
Emodin	518-82-1	39	16
Endocrine disruptor (Ethinyl estradiol)	57-63-6	39	16
Endocrine disruptor (Ethinyl estradiol)	57-63-6	39	16
Endocrine disruptor (Ethinyl estradiol)	57-63-6	39	16
Endocrine disruptor (Genistein)	446-72-0	39	16
Endosulfan	115-29-7	39	16
Endrin	72-20-8	39	16
Ephedrine + caffeine combination	EPHEDCOMBO	48	*
Ephedrine + caffeine combination	EPHEDCOMBO	48	*
Ephedrine sulfate	134-72-5	39	16
Epichlorhydrin	106-89-8	46	17
Epinephrine hydrochloride	55-31-2	39	16

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CHEMICAL NAME	CASRN	PAGE	REF
1,2-Epoxybutane	106-88-7	39	16
Erythromycin stearate	643-22-1	39	16
Estradiol mustard	22966-79-6	39	16
Estragole	140-67-0	48	*
Estragole	140-67-0	34	16
Ethanol	64-17-5	40	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	34	16
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	39	16
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	39	16
@ Ethinyl estradiol (Endocrine disruptor) (Listed As: Endocrine disruptor (Ethinyl estradiol))	57-63-6	39	16
@ Ethinyl estradiol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Ethinyl estradiol))	57-63-6	51	*
@ Ethinyl estradiol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Ethinyl estradiol))	57-63-6	51	*
Ethionamide	536-33-4	40	16
@ Ethoxyethanol (Listed As: NTP-88 diet study (EGMEE))	DIET88+EGMEE	49	*
Ethoxyquin	91-53-2	48	*
Ethyl acrylate	140-88-5	40	16
Ethylbenzene	100-41-4	34	16
Ethylbenzene	100-41-4	40	16
@ Ethyl bromide (Listed As: Bromoethane (ethyl bromide))	74-96-4	37	16
@ Ethyl chloride (Listed As: Chloroethane)	75-00-3	37	16
@ Ethylene chlorohydrin (Listed As: 2-Chloroethanol (ethylene chlorohydrin))	107-07-3	37	16
@ Ethylene dibromide (Listed As: 1,2-Dibromoethane)	106-93-4	38	16
@ Ethylene dibromide (Listed As: 1,2-Dibromoethane)	106-93-4	38	16
@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2	39	16
@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2	33	16
@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2		16
@ Ethylene dichloride (Listed As: 1,2-Dichloroethane)	107-06-2		16
Ethylene glycol	107-21-1	40	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
Ethylene glycol monoethyl ether (EGMEE)	110-80-5	34	16	@ Flame Retardant 1 (Listed As: Isodecyl Diphenyl Phosphate)	29761-21-5	49	*
Ethylene glycol monoethyl ether (EGMEE)	110-80-5	34	16	@ Flame Retardant 1 (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	48	*
Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	34	16	@ Flame Retardant 1 (Listed As: Isopropylated Phenol Phosphate)	68937-41-7	30	5
Ethylene Glycol Monomethyl Ether (EGMME)	109-86-4	34	16	@ Flame Retardant 1 (Listed As: Isopropylated Phenol Phosphate)	68937-41-7	49	*
Ethylene oxide	75-21-8	40	16	@ Flame Retardant 2 (Listed As: Decabromodiphenyl Ether)	1163-19-5	38	16
Ethylene thiourea (ETU)	96-45-7	40	16	@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	50	*
2-Ethylhexyl Diphenyl Phosphate	1241-94-7	48	*	@ Flame Retardant 2 (Listed As: 2,2',4,4'-Tetrabromodiphenyl Ether)	5436-43-1	50	*
Ethyl tellurac	20941-65-5	40	16	@ Flame Retardant 2 (Listed As: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether))	21850-44-2	31	12
@ Ethyl tellurac (Listed As: Ethyl tellurac)	20941-65-5	40	16	@ Flame Retardant 2 (Listed As: 1,3,5,7,9,11-Hexabromocyclododecane)	25637-99-4	30	5
2-ethyltoluene	611-14-3	48	*	@ Flame Retardant 2 (Listed As: 1,2-Bis(2,4,6-tribromophenoxy)ethane)	37853-59-1	30	5
3-ethyltoluene	620-14-4	48	*	@ Flame Retardant 2 (Listed As: Hexachlorocyclopentadienyl-dibromocyclooctane)	51936-55-1	30	5
4-ethyltoluene	622-96-8	48	*	@ Flaxseed oil + melatonin (Prevention 1) (Listed As: Prevention 1 (Flaxseed oil + melatonin))	FLAXSEED+MEL	50	*
Ethyl vinyl ketone	1629-58-9	48	*	@ Flaxseed oil (Prevention 1) (Listed As: Prevention 1 (Flaxseed oil))	8001-26-1	50	*
Eugenol	97-53-0	40	16	Fluometuron	2164-17-2	40	16
@ EVK (Listed As: Ethyl vinyl ketone)	1629-58-9	48	*	Flusilazole	85509-19-9	48	*
FD & C Yellow No. 6	2783-94-0	40	16	Flutamide	13311-84-7	48	*
Feed restriction studies	FEEDRESTRICT	40	16	Formaldehyde	50-00-0	49	*
Formulated fenaminosulf	140-56-7	40	16	Formaldehyde	50-00-0	49	*
Fenthion	55-38-9	40	16	Formamide	75-12-7	34	16
Ferrocene	102-54-5	48	*	Formamide	75-12-7	40	16
@ Firemaster 680 (Listed As: 1,2-Bis(2,4,6-tribromophenoxy)ethane)	37853-59-1	30	5	Formic acid	64-18-6	34	16
@ Firemaster FF-1 (Listed As: Polybrominated biphenyl mixture (Firemaster FF-1))	67774-32-7	43	16	Fumonisin B1	116355-83-0		16
@ Firemaster FF-1 (Listed As: Polybrominated biphenyl mixture (Firemaster FF-1))	67774-32-7	43	16	Fumonisin B1	116355-83-0	40	16
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	40	16	Furan	110-00-9	46	17
Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	3296-90-0	40	16	Furan	110-00-9	40	16
Fish Project 1 (Nitromethane)	75-52-5	40	16	Furfural	98-01-1	40	16
Fish Project 1 (Nitromethane)	75-52-5	40	16	Furfuryl alcohol	98-00-0	34	16
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	40	16	Furfuryl alcohol	98-00-0	40	16
Fish project 1 (1,2,3-Trichloropropane)	96-18-4	40	16	@ Furfuryl alcohol (Transgenic LECM) (Listed As: Transgenic LECM (Furfuryl alcohol))	98-00-0	51	*
@ Flame Retardant 1 (Listed As: Triphenyl Phosphate)	115-86-6	52	*	Furosemide	54-31-9	40	16
@ Flame Retardant 1 (Listed As: 2-Ethylhexyl Diphenyl Phosphate)	1241-94-7	48	*	Gallium arsenide	1303-00-0	34	16
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	52	*	Gallium arsenide	1303-00-0	40	16
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	52	*				
@ Flame Retardant 1 (Listed As: Tricresyl Phosphate)	1330-78-5	44	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
Gallium oxide	12024-21-4	49	*	Halogenated ethanes CS (1,1,2,2-Tetrabromoethane)	79-27-6	34	16
Garcinia Cambogia Extract	90045-23-1	30	5	Halogenated ethanes CS (1,1,1,2-Tetrachloroethane)	630-20-6	34	16
@ GCE (Listed As: Garcinia Cambogia Extract)	90045-23-1	30	5	Halogenated ethanes CS (1,1,2,2-Tetrachloroethane)	79-34-5	34	16
@ Gemfibrozil (Peroxisome project) (Listed As: Peroxisome project (Gemfibrozil))	25812-30-0	50	*	Halogenated ethanes CS (1,1,1-Trichloroethane)	71-55-6	34	16
@ Genistein (Endocrine disruptor) (Listed As: Endocrine disruptor (Genistein))	446-72-0	39	16	Halogenated ethanes CS (1,1,1- Trichloro-2,2,2-trifluoroethane)	354-58-5	34	16
@ Gentian violet (Listed As: Hexamethyl-p- rosaniline chloride)	548-62-9	40	16	@ Harness (R) (Listed As: Acetochlor)	34256-82-1	47	*
@ Gentian violet (Listed As: Hexamethyl-p- rosaniline chloride)	548-62-9	40	16	HC Blue 1	2784-94-3	40	16
Geranyl acetate	105-87-3	40	16	HC Blue 2	33229-34-4	40	16
Ginkgo biloba extract	90045-36-6	40	16	HC Red 3	2871-01-4	40	16
Ginkgo biloba extract	90045-36-6	30	5	HC Yellow 4	59820-43-8	40	16
Ginseng	50647-08-0	40	16	Heptachlor	76-44-8	40	16
Glucosamine	3416-24-8	49	*	1,3,5,7,9,11- Hexabromocyclododecane	25637-99-4	30	5
Glucosamine Hydrochloride + Chondroitin Sulfate	GLUCOSCHONDN	49	*	Hexachlorobenzene	118-74-1	31	14
Glutaraldehyde	111-30-8	34	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	44	16
Glutaraldehyde	111-30-8	40	16	Hexachloro-1,3-butadiene	87-68-3	34	16
Glycidamide	5694-00-8	40	16	Hexachlorocyclopentadiene	77-47-4	40	16
Glycidol	556-52-5	40	16	Hexachlorocyclopentadienyl- dibromocyclooctane	51936-55-1	30	5
@ Glycidol (Transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Glycidol))	556-52-5	32	16	1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	57653-85-7	40	16
@ Glycol (Listed As: Polysorbate 80 (glycol))	9005-65-6	43	16	1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	57653-85-7	40	16
Glyoxal	107-22-2	49	*	Hexachloroethane	67-72-1	40	16
Glyphosate	1071-83-6	34	16	Hexachloroethane	67-72-1	40	16
Glyphosate	1071-83-6	34	16	@ Hexachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Hexachloroethane))	67-72-1	34	16
Goldenseal root powder	GOLDENSEALRT	34	16	Hexachlorophene	70-30-4	40	16
Goldenseal root powder	GOLDENSEALRT	40	16	2,4-Hexadienal	142-83-6	34	16
@ Green, Phthalocyanine (Listed As: C.I. Phthalocyanine green)	1328-53-6	48	*	2,4-Hexadienal	142-83-6	40	16
Green Tea Extract	GREENTEAEXTR	30	5	Hexamethyl-p-rosaniline chloride	548-62-9	40	16
Green Tea Extract	GREENTEAEXTR	40	16	Hexamethyl-p-rosaniline chloride	548-62-9	40	16
Guanazole	1455-77-2	46	17	Hexanamide	628-02-4	46	17
Guar gum	9000-30-0	40	16	1,6-Hexanediamine dihydrochloride	6055-52-3	34	16
Gum Arabic	9000-01-5	40	16	1,6-Hexanediamine dihydrochloride	6055-52-3	34	16
Gum Guggul Extract	GUMGUGGULEXT	49	*	n-Hexane	110-54-3	34	16
Halogenated ethanes CS (1,2-Dichloro-1,1,1-difluoroethane)	1649-08-7	34	16	4-Hexylresorcinol	136-77-6	40	16
Halogenated ethanes CS (1,2- Difluoro-1,1,2,2- tetrachloroethane)	76-12-0	34	16	@ HMB (Listed As: 2-Hydroxy-4- methoxybenzophenone)	131-57-7	34	16
Halogenated ethanes CS (Hexachloroethane)	67-72-1	34	16	@ HMB (Listed As: 2-Hydroxy-4- methoxybenzophenone)	131-57-7	34	16
Halogenated ethanes CS (Pentabromoethane)	75-95-6	34	16	@ HMB (Listed As: 2-Hydroxy-4- methoxybenzophenone)	131-57-7	34	16
Halogenated ethanes CS (Pentachloroethane)	76-01-7	34	16				
Halogenated ethanes CS (1,1,1,2-Tetrabromoethane)	630-16-0	34	16				

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ 4-HPR (Retinoid project 6) (Listed As: Retinoid project 6 (4-HPR))	65646-68-6	50	*	Ionic liquid Toxicity	IONICLIQUIDS	49	*
Hydrazobenzene	122-66-7	40	16	Isobutene	115-11-7	41	16
Hydrochlorothiazide	58-93-5	40	16	Isobutyl nitrite	542-56-3	41	16
Hydroquinone	123-31-9	40	16	Isobutyraldehyde	78-84-2	34	16
2-Hydroxy-4-methoxybenzophenone	131-57-7	34	16	Isobutyraldehyde	78-84-2	41	16
2-Hydroxy-4-methoxybenzophenone	131-57-7	34	16	Isodecyl Diphenyl Phosphate	29761-21-5	49	*
2-Hydroxy-4-methoxybenzophenone	131-57-7	34	16	Isoeugenol	97-54-1	41	16
5-(Hydroxymethyl)-2-furfural	67-47-0	34	16	Isophorone	78-59-1	41	16
5-(Hydroxymethyl)-2-furfural	67-47-0	40	16	Isophosphamide	3778-73-2	41	16
8-Hydroxyquinoline	148-24-3	40	16	Isoprene	78-79-5	34	16
@ 8-Hydroxyquinoline (Transgenic model evaluation) (Listed As: Transgenic model evaluation (8- Hydroxyquinoline))	148-24-3	51	*	Isoprene	78-79-5	41	16
@ 8-Hydroxyquinoline (Transgenic model evaluation) (Listed As: Transgenic model evaluation (8- Hydroxyquinoline))	148-24-3	51	*	Isoprene	78-79-5		16
Hydroxyurea	127-07-1	46	17	Isopropylated Phenol Phosphate	68937-41-7	30	5
ICRF-159	21416-87-5	40	16	Isopropylated Phenol Phosphate	68937-41-7	49	*
@ IDDP (Listed As: Isodecyl Diphenyl Phosphate)	29761-21-5	49	*	Kava kava extract	9000-38-8	41	16
IPD (3,3'-iminobis-1-propanol dimethanesulfonate (ester) hydrochloride)	3458-22-8	40	16	@ Kelthane (Listed As: Dicofol)	115-32-2	39	16
Indium phosphide	22398-80-7	40	16	@ Kepone (Listed As: Chlordecone)	143-50-0	37	16
Indole-3-carbinol	700-06-1	31	14	Lasiocarpine	303-34-4	41	16
Indole-3-carbinol	700-06-1	40	16	Lauric acid diethanolamine condensate	120-40-1	41	16
@ Indole-3-carbinol (Prevention 4) (Listed As: Prevention 4 (Indole-3-carbinol))	700-06-1	50	*	@ Lauric acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Lauric acid diethanolamine condensate))	120-40-1	51	*
Indoxacarb	173584-44-6	49	*	@ Lauric acid diethanolamine condensate (Transgenic LECM) (Listed As: Transgenic LECM (Lauric acid diethanolamine condensate))	120-40-1	51	*
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	40	16	Lead(2+) acetate	301-04-2	49	*
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	40	16	Lead contaminated soil	PBCONTAMSOIL	49	*
Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	INIT/PROM	40	16	Lead dimethyldithiocarbamate	19010-66-3	41	16
Insertional mutagenesis (Radiation Levels)	INSERTMUTRAD	49	*	Lead ores	LEADORES	49	*
Insertional mutagenesis II (SIN vector)	INSERTMUT2	49	*	Lead oxide	1317-36-8	49	*
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	31	8	Lead sulfide	1314-87-0	49	*
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	30	4	Lead sulfide	1314-87-0	49	*
Insertional mutagenesis (LTR/SIN vectors)	INSERTMUT	49	*	Leucomalachite green	129-73-7	41	16
Interferon AD (AIDS Initiative)	INTERFERONAD	41	16	Leucomalachite green	129-73-7	34	16
Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative)	INTAZTCOMB	41	16	Libby Amphibole 2007	LA2007	30	4
Interferon AD + ddC (AIDS Initiative)	INTDDCCOMB	49	*	D-Limonene	5989-27-5	41	16
Interferon A (AIDS Initiative)	76543-88-9	41	16	Lindane	58-89-9	41	16
Iodinated glycerol	5634-39-9	41	16	Lipopolysaccharides from Escherichia coli	ECOLI_LPS	49	*
Iodoform	75-47-8	41	16	Lithocholic acid	434-13-9	41	16
				Locust bean gum	9000-40-2	41	16
				Lomustine	13010-47-4	46	17
				1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020	31	13
				@ Low isoflavone soy protein powder (Prevention 6) (Listed As: Prevention 6 (low isoflavone soy protein powder))	ISOFLAVSOYPT	50	*
				@ Luperox TBH70 (Listed As: tert-Butyl hydroperoxide)	75-91-2	48	*

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Luperox TBH70 (Listed As: tert-Butyl hydroperoxide)	75-91-2	48	*	@ Melphalan (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Melphalan))	148-82-3	52	*
Magnetic fields (EMF)	ELECTROMAG	41	16	@ Melphalan (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Melphalan))	148-82-3	52	*
Magnetic fields (EMF)	ELECTROMAG	49	*	DL-menthol	15356-70-4	41	16
Magnetic fields (EMF)	ELECTROMAG	34	16	2-Mercaptobenzimidazole	583-39-1	49	*
Magnetic fields + DMBA initiation promotion	EMF+DMBA	34	16	2-Mercaptobenzimidazole	583-39-1	49	*
Malachite green	569-64-2	41	16	2-Mercaptobenzothiazole	149-30-4	41	16
Malachite green	569-64-2	34	16	6-Mercaptopurine	50-44-2	46	17
Malaaxon	1634-78-2	41	16	Mercuric chloride	7487-94-7	41	16
Malathion	121-75-5	41	16	Merphalan	531-76-0	46	17
Malathion	121-75-5	41	16	Metal working fluids (Syntilo 1023)	SYNTILO1023	49	*
@ Melatonin + silymarin (Prevention 2) (Listed As: Prevention 2 (Silymarin + melatonin))	SILYMARN+MEL	50	*	Metal Working Fluids: CIMSTAR 3800	CIMSTAR3800	41	16
Malonaldehyde, sodium salt	24382-04-5	41	16	Metal working fluids (Trim SC210)	TRIMSC210	49	*
@ MAN (Listed As: Methacrylonitrile)	126-98-7		16	Metal Working Fluids: TRIM® VX	TRIMVX	41	16
@ MAN (Listed As: Methacrylonitrile)	126-98-7	41	16	Methacrylonitrile	126-98-7		16
Manganese sulfate monohydrate	10034-96-5	34	16	Methacrylonitrile	126-98-7	41	16
Manganese sulfate monohydrate	10034-96-5	41	16	Methapyrilene hydrochloride	135-23-9	46	17
D-Mannitol	69-65-8	41	16	Methapyrilene hydrochloride	135-23-9	49	*
@ Marijuana component (Listed As: 1-trans-delta-9-Tetrahydrocannabinol)	1972-08-3	35	16	Methapyrilene hydrochloride	135-23-9	35	16
@ Marijuana component (Listed As: 1-trans-delta-9-Tetrahydrocannabinol)	1972-08-3	44	16	Methdilazine	1982-37-2	49	*
Melamine	108-78-1	41	16	@ N-methololacrylamide (Transgenic model evaluation) (Listed As: Transgenic model evaluation (N-Methylolacrylamide))	924-42-5	52	*
Melamine + Cyanuric Acid combination	MELCYANCOMB	49	*	@ N-methololacrylamide (Transgenic model evaluation) (Listed As: Transgenic model evaluation (N-Methylolacrylamide))	924-42-5	52	*
Melatonin	73-31-4	49	*	Methotrexate	59-05-2	46	17
Melatonin	73-31-4	49	*	6-Methoxy-2-benzothiazolamine	1747-60-0	49	*
@ Melatonin + curcumin (Prevention 4) (Listed As: Prevention 4 (Melatonin + curcumin))	MEL+CURCUMIN	50	*	Methoxychlor	72-43-5	41	16
@ Melatonin + indole-3-carbinol (Prevention 4) (Listed As: Prevention 4 (Melatonin + indole-3-carbinol))	MEL+INDOLCAR	50	*	@ Methoxyethanol (Listed As: NTP-88 diet study (EGMME))	DIET88+EGMME	49	*
@ Melatonin (Prevention 2) (Listed As: Prevention 2 (Melatonin))	73-31-4	50	*	2-Methoxy-4-nitroaniline	97-52-9	49	*
@ Melatonin (Prevention 3) (Listed As: Prevention 3 (Melatonin))	73-31-4	50	*	8-Methoxypsoralen	298-81-7	41	16
Melphalan	148-82-3	46	17	4-(6-Methyl-2-benzothiazolyl)-benzenamine	92-36-4	49	*
@ Melphalan (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Melphalan))	148-82-3	51	*	alpha-Methylbenzyl alcohol	98-85-1	41	16
@ Melphalan (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Melphalan))	148-82-3	51	*	Methyl bromide	74-83-9	35	16
@ Melphalan (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Melphalan))	148-82-3	52	*	Methyl bromide	74-83-9	41	16
				Methyl bromide	74-83-9	35	16
				Methyl carbamate	598-55-0	41	16
				Methyl CCNU	13909-09-6	46	17
				@ Methyl chloroform (Listed As: 1,1,1-Trichloroethane)	71-55-6	44	16
				@ Methyl chloroform (Listed As: 1,1,1-Trichloroethane)	71-55-6	35	16
				Methyl coumarin	92-48-8	49	*
				Methyldopa sesquihydrate	41372-08-1	41	16

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CHEMICAL NAME	CASRN	PAGE	REF
4,4'-Methylenebis(N,N-dimethyl)benzenamine	101-61-1	41	16
Methylene bis(thiocyanate)	6317-18-6	35	16
Methylene blue trihydrate	7220-79-3	49	*
Methylene blue trihydrate	7220-79-3	49	*
Methylene blue trihydrate	7220-79-3	41	16
Methylene chloride	75-09-2	41	16
4,4'-Methylenedianiline dihydrochloride	13552-44-8	41	16
Methyl ethyl ketone peroxide	1338-23-4	35	16
Methyl ethyl ketoxime	96-29-7	35	16
Methyleugenol	93-15-2	35	16
Methyleugenol	93-15-2	41	16
Methyleugenol (TGMX rat liver evaluation)	93-15-2	49	*
2-Methylimidazole	693-98-1	35	16
2-Methylimidazole	693-98-1	41	16
4-Methylimidazole	822-36-6	35	16
4-Methylimidazole	822-36-6	41	16
Methyl isobutyl ketone	108-10-1	41	16
Methyl isocyanate	624-83-9	46	17
6-Methylmercaptapurine ribonucleoside	342-69-8	46	17
Methyl methacrylate	80-62-6	41	16
3-Methyl-6-methoxy-2-amino-benzothiazolium chloride	EMTDP-76	49	*
3-Methyl-6-methoxy-2-amino-benzothiazolium chloride	EMTDP-76	49	*
2-Methyl-1-nitroanthraquinone	129-15-7	41	16
2-Methyl-1-nitroanthraquinone	129-15-7	46	17
@ 1-BUTANONE, 4-(METHYLNITROSOAMINO)-1-3-PYRIDINYL)- (9CI) (Listed As: Ozone/NNK)	OZONNNKCOMB	42	16
N-Methylolacrylamide	924-42-5	41	16
Methyl parathion	298-00-0	41	16
Methylphenidate hydrochloride	298-59-9	35	16
Methylphenidate hydrochloride	298-59-9	41	16
@ Methylphenidate hydrochloride (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Methylphenidate hydrochloride))	298-59-9	52	*
alpha-Methylstyrene	98-83-9	49	*
alpha-Methylstyrene	98-83-9	41	16
Methyl trans-styryl ketone	1896-62-4	49	*
Methyl trans-styryl ketone	1896-62-4	49	*
Methyl trans-styryl ketone	1896-62-4	41	16
Methyl vinyl ketone	78-94-4	49	*
@ N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
@ N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16

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CHEMICAL NAME	CASRN	PAGE	REF
@ N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16
Mexacarbate	315-18-4	41	16
Michler's ketone	90-94-8	41	16
Microbiome	MICROBIOME	30	6
Microcystin-LA (TGMX)	96180-79-9	49	*
Microcystin-LR (TGMX)	101043-37-2	49	*
Microcystin mixture (TGMX)	MICROCYSTINMX	49	*
Milk thistle extract	84604-20-6	41	16
Mirex	2385-85-5	41	16
Mitomycin C	50-07-7	46	17
Molybdenum trioxide	1313-27-5	35	16
Molybdenum trioxide	1313-27-5	41	16
Monochloroacetic acid	79-11-8	41	16
Monuron	150-68-5	41	16
@ 8-MOP (Listed As: 8-Methoxypsoralen)	298-81-7	41	16
Mouse ageing study	MOUSEAGE	46	17
@ MVK (Listed As: Methyl vinyl ketone)	78-94-4	49	*
@ MX (Listed As: 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX))	77439-76-0	48	*
beta-Myrcene	123-35-3	41	16
Myristicin	607-91-0	31	12
Nalidixic acid	389-08-2	41	16
Nanoscale Material (Fullerene C60 18 microns)	99685-96-8	30	3
Nanoscale material (Fullerene-C60 1 micron)	99685-96-8	31	12
Nanoscale Material (Fullerene C60 200 nanometers)	99685-96-8	30	3
Nanoscale material (Fullerene-C60 50 nanometers)	99685-96-8	31	12
Nanoscale material (Quantum dots)	QUANTUMDOTS	49	*
Nanoscale material (Rutile titanium dioxide)	1317-80-2	49	*
Naphthalene	91-20-3	41	16
Naphthalene	91-20-3	41	16
1,5-Naphthalenediamine	2243-62-1	41	16
N-(1-Naphthyl)ethylenediamine dihydrochloride	1465-25-4	42	16
Navy fuels JP-5	8008-20-6	42	16
@ NBBS (Listed As: N-Butylbenzenesulfonamide)	3622-84-2	30	5
@ NBBS (Listed As: N-Butylbenzenesulfonamide)	3622-84-2	30	3
NCT/DERT standardization experiment (APAP & AMAP)	NCTSTANDARD	49	*
@ Nevirex (R) (Listed As: Acetochlor)	34256-82-1	47	*
Nickel (II) oxide	1313-99-1	42	16
Nickel sulfate hexahydrate	10101-97-0	42	16
Nickel subsulfide	12035-72-2	42	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Nithiazide	139-94-6	42	16	NTP-88 diet study (EGMBE)	DIET88+EGMBE	49	*
Nitrilotriacetic acid (NTA)	139-13-9	42	16	NTP-88 diet study (EGMEE)	DIET88+EGMEE	49	*
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	42	16	NTP-88 diet study (EGMME)	DIET88+EGMME	49	*
Nitrilotriacetic acid trisodium monohydrate	18662-53-8	42	16	NTP-88 diet study (m-Nitrotoluene)	DIET88+MNITR	49	*
5-Nitroacenaphthene	602-87-9	42	16	NTP-88 diet study (o-Nitrotoluene)	DIET88+ONITR	49	*
3-Nitro-p-acetophenetide	1777-84-0	42	16	NTP-88 diet study (p-Nitrotoluene)	DIET88+PNITR	49	*
p-Nitroaniline	100-01-6	16		Ochratoxin A	303-47-9	42	16
p-Nitroaniline	100-01-6	42	16	Oleic acid diethanolamine condensate	93-83-4	42	16
5-Nitro-o-anisidine	99-59-2	42	16	@ Oleic acid diethanolamine condensate (transgenic LECM (Listed As: Transgenic LECM (Oleic acid diethanolamine condensate)))	93-83-4	51	*
o-Nitroanisole	91-23-6	16		@ Oleic acid diethanolamine condensate (transgenic LECM (Listed As: Transgenic LECM (Oleic acid diethanolamine condensate)))	93-83-4	51	*
o-Nitroanisole	91-23-6	42	16	@ Orange 10, C.I.Acid (Listed As: C.I. Acid Orange 10)	1936-15-8	38	16
4-Nitroanthranilic acid	619-17-0	42	16	@ Orange 3, C.I. Acid (Listed As: C.I. Acid Orange 3)	6373-74-6	38	16
Nitrobenzene	98-95-3	49	*	Oxazepam	604-75-1	42	16
6-Nitrobenzimidazole	94-52-0	42	16	Oxazepam	604-75-1	42	16
m-Nitrobenzoic acid	121-92-6	49	*	4,4'-Oxydianiline	101-80-4	42	16
p-Nitrobenzoic acid	62-23-7	35	16	Oxymetholone	434-07-1	49	*
p-Nitrobenzoic acid	62-23-7	42	16	Oxymetholone	434-07-1	42	16
Nitrofen	1836-75-5	42	16	Oxytetracycline hydrochloride	2058-46-0	42	16
Nitrofen	1836-75-5	42	16	Ozone	10028-15-6	42	16
Nitrofurantoin	67-20-9	42	16	Ozone	10028-15-6	42	16
Nitrofurazone	59-87-0	42	16	Ozone/NNK	OZONNNKCOMB	42	16
Nitrofurazone	59-87-0	46	17	Parathion	56-38-2	42	16
Nitromethane	75-52-5	42	16	@ 2,5-PCADPE (Listed As: 2,5-Pyridinedicarboxylic Acid, Dipropyl Ester)	136-45-8	50	*
1-Nitronaphthalene	86-57-7	42	16	@ PCB 126/PCDF mixture (TEF transgenics) (Listed As: TEF transgenics (PCB 126 / PCDF mixture))	TEFTGMIXTURE	50	*
p-Nitrophenol	100-02-7	42	16	@ PCB 126 (TEF transgenics) (Listed As: TEF transgenics (PCB 126))	57465-28-8	50	*
2-Nitro-p-phenylenediamine	5307-14-2	42	16	@ PCB 126 (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl))	57465-28-8	44	16
4-Nitro-o-phenylenediamine	99-56-9	42	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	44	16
5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	49	*	@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	31	12
5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	2608-48-2	49	*				
3-Nitropropionic acid	504-88-1	42	16				
1-Nitropyrene	5522-43-0	35	16				
N-Nitrosodiethanolamine	1116-54-7	49	*				
N-Nitrosodimethylamine (TGMX rat liver evaluation)	62-75-9	49	*				
N-Nitrosodiphenylamine	86-30-6	42	16				
p-Nitrosodiphenylamine	156-10-5	42	16				
beta-Nitrostyrene	102-96-5	42	16				
m-Nitrotoluene	99-08-1	35	16				
o-Nitrotoluene	88-72-2	35	16				
o-Nitrotoluene	88-72-2	35	16				
o-Nitrotoluene	88-72-2	42	16				
p-Nitrotoluene	99-99-0	49	*				
p-Nitrotoluene	99-99-0	35	16				
p-Nitrotoluene	99-99-0	42	16				
5-Nitro-o-toluidine	99-55-8	42	16				
@ NNK (Listed As: Ozone/NNK)	OZONNNKCOMB	42	16				
@ NTA (Listed As: Nitrilotriacetic acid (NTA))	139-13-9	42	16				
NTP-2000 diet	DIET2000	49	*				
NTP 90 diet study	DIET90	46	17				
NTP 91/92 diet study	DIET9192	46	17				

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* 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
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	32	14	@ Pentachlorophenol (Transgenic LECM) (Listed As: Transgenic LECM (Pentachlorophenol))	87-86-5	51	*
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16	@ Pentachlorophenol (Transgenic LECM) (Listed As: Transgenic LECM (Pentachlorophenol))	87-86-5	51	*
@ PCBTF (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16	Pentaerythritol tetranitrate	78-11-5	42	16
@ PCB-118 (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PCB 118))	31508-00-6	43	16	Pentaerythritol triacrylate	3524-68-3	32	16
PCN 66/67 comparison study	PCNCOMPARISN	31	14	Pentaerythritol triacrylate	3524-68-3	32	16
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	31	12	@ Perchloroethylene (Listed As: Tetrachloroethylene)	127-18-4	44	16
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	32	14	Perfluorobutane sulfonate (PFBS)	375-73-5	30	6
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16	Perfluorodecanoic Acid	335-76-2	30	6
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16	Perfluorohexane sulfonate potassium salt (PFHKSslt)	3871-99-6	30	5
@ PCTFT (Listed As: p-Chloro-a,a,a-trifluorotoluene)	98-56-6	33	16	Perfluorohexanoic acid (PFHXA)	307-24-4	30	6
@ PECDF (TEF transgenics) (Listed As: TEF transgenics (PECDF))	57117-31-4	50	*	Perfluorononanoic Acid	375-95-1	30	6
Penicillin VK	132-98-9	42	16	Perfluorooctane Sulfonate	1763-23-1	30	6
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	42	16	Perfluorooctanoic Acid	335-67-1	50	*
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	49	*	Perfluorooctanoic Acid	335-67-1	30	6
Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	32534-81-9	50	*	Peroxisome project (Dibutyl phthalate)	84-74-2	50	*
@ Pentabromoethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Pentabromoethane))	75-95-6	34	16	Peroxisome project (2,4-Dichlorophenoxyacetic acid)	94-75-7	50	*
Pentachloroanisole	1825-21-4	42	16	Peroxisome project (Gemfibrozil)	25812-30-0	50	*
Pentachlorobenzene	608-93-5	35	16	Peroxisome project (WY-14643)	50892-23-4	35	16
3,3,4,4,5-Pentachlorobiphenyl (PCB 126)	57465-28-8	50	*	Pesticide/fertilizer contamination--mixture 2	PESTFERTMIX2	35	16
@ Pentachlorodibenzofuran (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran)))	57117-31-4	43	16	Pesticide/fertilizer contamination--mixture 3	PESTFERTMIX3	35	16
Pentachloroethane	76-01-7	42	16	@ PETA (Listed As: Pentaerythritol triacrylate)	3524-68-3	32	16
@ Pentachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (Pentachloroethane))	76-01-7	34	16	@ PETA (Listed As: Pentaerythritol triacrylate)	3524-68-3	32	16
Pentachloronitrobenzene	82-68-8	42	16	@ PFDA (Listed As: Perfluorodecanoic Acid)	335-76-2	30	6
Pentachloronitrobenzene	82-68-8	42	16	@ PFNA (Listed As: Perfluorononanoic Acid)	375-95-1	30	6
Pentachlorophenol, Dowicide EC-7	87-86-5	42	16	@ PGTBE (Listed As: Propylene glycol mono-t-butyl ether)	57018-52-7	43	16
Pentachlorophenol, DP-2	87-86-5	35	16	Phenazopyridine hydrochloride	136-40-3	42	16
Pentachlorophenol, purified	87-86-5	35	16	Phenesterin	3546-10-9	42	16
Pentachlorophenol, purified	87-86-5	42	16	Phenformin hydrochloride	834-28-6	42	16
Pentachlorophenol, technical	87-86-5	42	16	Phenobarbital	50-06-6	50	*
				Phenol	108-95-2	42	16
				Phenolphthalein	77-09-8	35	16
				Phenolphthalein	77-09-8	42	16
				@ Phenolphthalein (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Phenolphthalein))	77-09-8	52	*

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CHEMICAL NAME	CASRN	PAGE	REF
@ Phenolphthalein (Transgenic model evaluation II) (Listed As: Transgenic model evaluation II (Phenolphthalein))	77-09-8	32	16
Phenoxybenzamine hydrochloride	63-92-3	42	16
Phenylbutazone	50-33-9	42	16
p-Phenylenediamine dihydrochloride	624-18-0	42	16
Phenylephrine hydrochloride	61-76-7	42	16
1-Phenyl-3-methyl-5-pyrazolone	89-25-8	42	16
N-Phenyl-2-naphthylamine	135-88-6	42	16
o-Phenylphenol	90-43-7	42	16
N-Phenyl-p-phenylenediamine	101-54-2	42	16
1-Phenyl-2-thiourea	103-85-5	42	16
@ Phenytoin (Listed As: 5,5-Diphenylhydantoin (phenytoin))	57-41-0	39	16
@ Phorbol myristate acetate (Listed As: Tetradecanoyl phorbol acetate (TPA))	16561-29-8	51	*
Phosphamidon	13171-21-6	42	16
Phosphine	7803-51-2	50	*
Photodioldrin	13366-73-9	43	16
ortho-Phthalaldehyde	643-79-8	35	16
Phthalamide	88-96-0	43	16
Phthalic anhydride	85-44-9	43	16
Picloram	1918-02-1	43	16
beta-Picoline	108-99-6	43	16
Piperonyl butoxide	51-03-6	43	16
Piperonyl sulfoxide	120-62-7	43	16
Pivalolactone	1955-45-9	43	16
Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	43	16
Polybrominated biphenyl mixture (Firemaster FF-1)	67774-32-7	43	16
Polysorbate 80 (glycol)	9005-65-6	43	16
Polyurethane	9009-54-5	46	17
Polyvinyl alcohol	9002-89-5	43	16
Prednisone	53-03-2	46	17
Pregnancy Rate Comparison Study	PREGRATECOMP	50	*
Prevention 1 (Melatonin)	73-31-4	50	*
Prevention 2 (Melatonin)	73-31-4	50	*
Prevention 2 (Silymarin)	65666-07-1	50	*
Prevention 2 (Silymarin + melatonin)	SILYMARN+MEL	50	*
Prevention 3 (Melatonin)	73-31-4	50	*
Prevention 6 (low isoflavone soy protein powder)	ISOFLAVSOYPT	50	*
Prevention 4 (Curcumin)	458-37-7	50	*
Prevention 7 (feed controls)	PREVENTION7	50	*
Prevention 1 (Flaxseed oil)	8001-26-1	50	*
Prevention 1 (Flaxseed oil + melatonin)	FLAXSEED+MEL	50	*
Prevention 4 (Indole-3-carbinol)	700-06-1	50	*
Prevention 6 (isoflavone concentrate)	ISOFLAVCONCN	50	*
Prevention 4 (Melatonin)	73-31-4	50	*
Prevention 5 (Melatonin)	73-31-4	50	*

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CHEMICAL NAME	CASRN	PAGE	REF
Prevention 4 (Melatonin + curcumin)	MEL+CURCUMIN	50	*
Prevention 4 (Melatonin + indole-3-carbinol)	MEL+INDOLCAR	50	*
Prevention 10 (Soy isoflavone concentrate)	PREVENTION10	50	*
Primidone (primaclone)	125-33-7	43	16
Probenecid	57-66-9	43	16
Procarbazine hydrochloride	366-70-1	46	17
Procarbazine hydrochloride	366-70-1	43	16
Proflavin hydrochloride	952-23-8	43	16
Promethazine hydrochloride	58-33-3	35	16
Promethazine hydrochloride	58-33-3	43	16
Propantheline bromide	50-34-0	50	*
Propargyl alcohol	107-19-7	43	16
Propylene	115-07-1	43	16
@ Propylene dichloride (Listed As: 1,2-Dichloropropane (propylene dichloride))	78-87-5	39	16
Propylene glycol mono-t-butyl ether	57018-52-7	43	16
1,2-Propylene oxide	75-56-9	43	16
Propyl gallate	121-79-9	43	16
Propyl-4-hydroxybenzoate	94-13-3	30	2
Pulegone	89-82-7	43	16
Pyrazinamide	98-96-4	43	16
Pyridine	110-86-1	50	*
Pyridine	110-86-1	43	16
Pyridine	110-86-1	43	16
2,5-Pyridinedicarboxylic Acid, Dipropyl Ester	136-45-8	50	*
@ Pyridine (Transgenic LECM) (Listed As: Transgenic LECM (Pyridine))	110-86-1	51	*
@ Pyridine (Transgenic LECM) (Listed As: Transgenic LECM (Pyridine))	110-86-1	51	*
Pyrilamine	91-84-9	43	16
Pyrimethamine	58-14-0	43	16
Pyrogallol	87-66-1	43	16
QT drugs (bepridil hydrochloride)	74764-40-2	50	*
QT drugs (diltiazem hydrochloride)	33286-22-5	50	*
QT drugs (Loratadine)	79794-75-5	50	*
QT drugs (Lovastatin)	75330-75-5	50	*
QT drugs (sotalol hydrochloride)	959-24-0	50	*
QT drugs (terfenadine)	50679-08-8	50	*
Quercetin	117-39-5	43	16
Rat feed study (TGMX rat liver evaluation)	TGMXRALVFEED	50	*
@ Red 114, C.I. Acid (Listed As: C.I. Acid Red 114)	6459-94-5	38	16
@ Red 14, C.I. Acid (Listed As: C.I. Acid Red 14)	3567-69-9	38	16
@ Red 9, C.I. Acid (Listed As: C.I. Basic Red 9 Monohydrochloride)	569-61-9	38	16

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
@ Red 23, C.I. Pigment (Listed As: C.I. Pigment Red 23)	6471-49-4	38	16	@ Roundup® (Listed As: Glyphosate)	1071-83-6	34	16
@ Red 3, C.I. Pigment (Listed As: C.I. Pigment Red 3)	2425-85-6	38	16	@ Roundup® (Listed As: Glyphosate)	1071-83-6	34	16
@ Red Dog Mine Ore (Alaska) (Listed As: Lead ores)	LEADORES	49	*	Roxarsone	121-19-7	43	16
@ Red 3, HC (Listed As: HC Red 3)	2871-01-4	40	16	Safflower oil	8001-23-8	43	16
@ Red No. 9, D&C (Listed As: D&C Red No. 9)	5160-02-1	38	16	Salicylazosulfapyridine	599-79-1	35	16
Reserpine	50-55-5	43	16	Salicylazosulfapyridine	599-79-1	43	16
Reserpine	50-55-5	50	*	@ Salicylic acid (alpha/beta Hydroxy acids) (Listed As: alpha/beta Hydroxy acids (glycolic acid, salicylic acid))	HYDROXYGLYSAL	36	16
Resorcinol	108-46-3	43	16	Scopolamine hydrobromide trihydrate	6533-68-2	35	16
@ Resorcinol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Resorcinol))	108-46-3	52	*	Scopolamine hydrobromide trihydrate	6533-68-2	50	*
@ Resorcinol (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Resorcinol))	108-46-3	52	*	Scopolamine hydrobromide trihydrate	6533-68-2	43	16
Retinoid project 2 (4-(Hydroxyphenyl)retinamide)	65646-68-6	50	*	@ Selenate, Sodium (Listed As: Sodium selenate)	13410-01-0	35	16
Retinoid project 1	RETINOID1	50	*	@ Selenite, Sodium (Listed As: Sodium selenite)	10102-18-8	35	16
Retinoid project 3 (Retinol acetate)	127-47-9	50	*	Selenium sulfide	7446-34-6	43	16
Retinoid project 4 (4-(Hydroxyphenyl)retinamide)	65646-68-6	50	*	Selenium sulfide	7446-34-6	43	16
Retinoid project 5 (4-(Hydroxyphenyl)retinamide)	65646-68-6	50	*	Selsun	EMTDP-74	43	16
Retinoid project 6 (Arotinoid)	125533-88-2	50	*	Senna (powdered)	8013-11-4	35	16
Retinoid project 3 (Arotinoid)	125533-88-2	50	*	Senna (powdered)	8013-11-4	35	16
Retinoid project 5 (Arotinoid)	125533-88-2	50	*	Serotype 5 Adeno-associated Viral Vector (rAAV5SCTLA4:Ig)	RAV5SCTLA4IG	31	14
Retinoid project 6 (4-HPR)	65646-68-6	50	*	Serotype 2 Adeno-associated Viral Vector rAAV2rapahEpo	AAVIRAAPHEPO	31	14
All-trans-retinyl palmitate	79-81-2	43	16	Serotype 2 Adeno-associated Viral Vector hAQP1 (rAAV2hAQP1)	AAV2HAQP1	30	6
Retroviral vectors	RETROVIRVECT	50	*	Silica, crystalline - quartz	14808-60-7	50	*
Retroviral vectors	RETROVIRVECT	50	*	Silica, crystalline - quartz	14808-60-7	50	*
Retroviral vectors	RETROVIRVECT	50	*	Silica, crystalline - quartz	14808-60-7	50	*
Retroviral vectors	RETROVIRVECT	50	*	@ Silymarin + melatonin (Prevention 2) (Listed As: Prevention 2 (Silymarin + melatonin))	SILYMARN+MEL	50	*
Rhodamine 6G	989-38-8	43	16	@ SILYMARIN (PREVENTION 2) (Listed As: Prevention 2 (Silymarin))	65666-07-1	50	*
@ Rhothane (TDE) (Listed As: Tetrachlorodiphenylethane)	72-54-8	44	16	Simazine	122-34-9	50	*
Riddelliine	23246-96-0	35	16	Sodium azide	26628-22-8	43	16
Riddelliine	23246-96-0	43	16	@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	32	16
@ Ritalin hydrochloride (Listed As: Methylphenidate hydrochloride)	298-59-9	35	16	@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	32	16
@ Ritalin hydrochloride (Listed As: Methylphenidate hydrochloride)	298-59-9	41	16	@ Sodium bromate (Water disinfection mode) (Listed As: Water disinfection model (Sodium bromate))	7789-38-0	32	16
Rotenone	83-79-4	46	17	@ Sodium chlorate (Water disinfection byproducts) (Listed As: Water disinfection byproducts (Sodium chlorate))	7775-09-9	45	16
Rotenone	83-79-4	43	16	Sodium cyanide	143-33-9		16
@ Rotenone (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Rotenone))	83-79-4	52	*	Sodium dichromate dihydrate (VI)	7789-12-0	43	16
@ Rotenone (Transgenic model evaluation) (Listed As: Transgenic model evaluation (Rotenone))	83-79-4	52	*				

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Sodium dichromate dihydrate (VI)	7789-12-0	35	16
Sodium diethyldithiocarbamate	148-18-5	43	16
Sodium Fluoride	7681-49-4	43	16
Sodium Fluoride	7681-49-4	46	17
Sodium Metavanadate	13718-26-8	31	8
Sodium nitrite	7632-00-0	35	16
Sodium nitrite	7632-00-0	43	16
Sodium selenate	13410-01-0	35	16
Sodium selenite	10102-18-8	35	16
Sodium thioglycolate	367-51-1	35	16
Sodium Tungstate Dihydrate	10213-10-2	31	10
Sodium xylenesulfonate	1300-72-7	35	16
Sodium xylenesulfonate	1300-72-7	43	16
@ Spy Dust (Listed As: 5-(4-Nitrophenyl)- 2,4-pentadien-1-al (NPPD))	2608-48-2	49	*
@ Spy Dust (Listed As: 5-(4-Nitrophenyl)- 2,4-pentadien-1-al (NPPD))	2608-48-2	49	*
Stachybotrys chartarum strain 1 mold (macrocyclic trichothecene chemotype)	STACHYSTRN1	30	3
Stachybotrys chartarum strain 2 mold (atranone chemotype)	STACHYSTRN2	30	3
Stannous chloride	7772-99-8	43	16
Stoddard solvent (type 11C)	64742-88-7	43	16
Streptozotocin	18883-66-4	46	17
Styrene	100-42-5	43	16
Styrene	100-42-5	50	*
Styrene-acrylonitrile trimer	SANTRIMER2	43	16
Styrene oxide	96-09-3	46	17
Succinic anhydride	108-30-5	43	16
Sulfallate	95-06-7	43	16
Sulfamethazine	57-68-1	43	16
Sulfamethazine	57-68-1	43	16
Sulfisoxazole	127-69-5	43	16
3-Sulfolene	77-79-2	43	16
4,4'-Sulfonyldianiline (Dapsone)	80-08-0	43	16
@ Sunett (Listed As: Transgenic Model Evaluation II (Acesulfame Potassium))	55589-62-3	32	16
Talc	14807-96-6	43	16
Tara gum	39300-88-4	43	16
@ TBA (Listed As: tert-Butyl alcohol)	75-65-0	37	16
@ TBA (Listed As: tert-Butyl alcohol)	75-65-0	33	16
@ TBBC (Listed As: 4,4-Thiobis(6- tert-butyl-m-cresol))	96-69-5	51	*
@ TBBC (Listed As: 4,4-Thiobis(6- tert-butyl-m-cresol))	96-69-5	44	16
@ TBDP (Listed As: tert-Butylphenyl Diphenyl Phosphate)	56803-37-3	48	*

Alphabetical Index of Chemicals with Reference Location

CHEMICAL NAME	CASRN	PAGE	REF
@ TBE (Listed As: Halogenated ethanes CS (1,1,2,2- Tetrabromoethane))	79-27-6	34	16
@ TCAB (Listed As: 3,3',4,4'- Tetrachloroazobenzene)	14047-09-7	50	*
@ TCAB (Listed As: 3,3',4,4'- Tetrachloroazobenzene)	14047-09-7	35	16
@ TCAB (Listed As: 3,3',4,4'- Tetrachloroazobenzene)	14047-09-7	35	16
@ TCAB (Listed As: 3,3',4,4'- Tetrachloroazobenzene)	14047-09-7	44	16
@ TCAB (Listed As: 3,3',4,4'- Tetrachloroazobenzene)	14047-09-7	44	16
@ TCAOB (Listed As: 3,3',4,4'- Tetrachloroazoxybenzene)	21232-47-3	35	16
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin))	1746-01-6	52	*
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin))	1746-01-6	52	*
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin))	1746-01-6	52	*
@ TCDD (Listed As: Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin))	1746-01-6	52	*
@ TCDD (TEF transgenics) (Listed As: TEF transgenics (TCDD))	1746-01-6	50	*
@ TCDD (Toxic equivalency factor evaluation) (Listed As: Toxic equivalency factor evaluation (TCDD))	1746-01-6	44	16
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	52	*
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	52	*
@ TCP (Listed As: Tricresyl Phosphate)	1330-78-5	44	16
Tebufenpyrad	119168-77-3	50	*
Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153)	TEFBINARYMIX	43	16
Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran))	57117-31-4	43	16
Toxic equivalency factor evaluation (PCB 118)	31508-00-6	43	16
Toxic equivalency factor evaluation (PCB Mixture; PCB 126/PCB 118)	TEFPCBMIX	44	16
Toxic equivalency factor evaluation (TCDD)	1746-01-6	44	16
TEF transgenics (PCB 126)	57465-28-8	50	*
TEF transgenics (PCB 126 / PECDF mixture)	TEFTGMIXTURE	50	*

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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
TEF transgenics (PECDF)	57117-31-4	50	*	@ Tetradecanoylphorbol acetate (TPA)	INIT/PROM	40	16
TEF transgenics (TCDD)	1746-01-6	50	*	(Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))			
@ TELONE II (Listed As: 1,3-Dichloropropene (Telone II))	542-75-6	39	16	@ Tetradecanoylphorbol acetate (TPA)	INIT/PROM	40	16
@ TEMIK (Listed As: Aldicarb)	116-06-3	36	16	(Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))			
Tetrabromobisphenol A	79-94-7	50	*	@ Tetradecanoyl phorbol acetate (TPA) (Transgenic LECM)	16561-29-8	51	*
Tetrabromobisphenol A	79-94-7	44	16	(Listed As: Transgenic LECM (Tetradecanoyl phorbol acetate (TPA)))			
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	21850-44-2	31	12	Tetraethylthiuram disulfide	97-77-8	44	16
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	50	*	Tetrafluoroethylene	116-14-3	35	16
2,2',4,4'-Tetrabromodiphenyl Ether	5436-43-1	50	*	Tetrafluoroethylene	116-14-3	44	16
@ 1,1,1,2-Tetrabromoethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1,2-Tetrabromoethane))	630-16-0	34	16	1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	35	16
@ 1,1,1,2-Tetrachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1,2-Tetrachloroethane))	630-20-6	34	16	1-trans-delta-9-Tetrahydrocannabinol	1972-08-3	44	16
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	50	*	Tetrahydrofuran	109-99-9	51	*
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	35	16	Tetrahydrofuran	109-99-9	35	16
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	35	16	Tetrahydrofuran	109-99-9	44	16
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	44	16	Tetrakis(hydroxymethyl)phosphonium chloride	124-64-1	44	16
3,3',4,4'-Tetrachloroazoxybenzene	21232-47-3	35	16	Tetrakis(hydroxymethyl)phosphonium sulfate	55566-30-8	44	16
1,2,4,5-Tetrachlorobenzene	95-94-3	35	16	Tetralin	119-64-2	44	16
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	44	16	Tetranitromethane	509-14-8	44	16
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	44	16	@ TGMX rat liver evaluation) (Methyleugenol) (Listed As: Methyleugenol (TGMX rat liver evaluation))	93-15-2	49	*
Tetrachlorodiphenylethane	72-54-8	44	16	@ TGMX rat liver evaluation (N-Nitrosodimethylamine) (Listed As: N-Nitrosodimethylamine (TGMX rat liver evaluation))	62-75-9	49	*
1,1,1,2-Tetrachloroethane	630-20-6	44	16	Theophylline	58-55-9	35	16
1,1,2,2-Tetrachloroethane	79-34-5	44	16	Theophylline	58-55-9	35	16
1,1,2,2-Tetrachloroethane	79-34-5	35	16	Theophylline	58-55-9	44	16
1,1,2,2-Tetrachloroethane	79-34-5	51	*	4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5	51	*
1,1,2,2-Tetrachloroethane	79-34-5	35	16	4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5	44	16
@ 1,1,2,2-Tetrachloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,2,2-Tetrachloroethane))	79-34-5	34	16	4,4'-Thiodianiline	139-65-1	44	16
Tetrachloroethylene	127-18-4	44	16	beta-Thioguanidine deoxyriboside	789-61-7	44	16
Tetrachloroethylene	127-18-4	44	16	Thiophene	110-02-1	51	*
2,3,5,6-Tetrachloro-4-nitroanisole	2438-88-2	44	16	@ thio-TEPA (Listed As: tris(Aziridinyl)-phosphine sulfide (Thio-TEPA))	52-24-4	45	16
Tetrachlorophthalic anhydride	117-08-8	35	16	@ THPC	124-64-1	44	16
Tetrachlorvinphos	961-11-5	44	16	(Listed As: Tetrakis(hydroxymethyl)phosphonium chloride)			
Tetracycline hydrochloride	64-75-5	44	16	@ THPS	55566-30-8	44	16
Tetradecanoyl phorbol acetate (TPA)	16561-29-8	51	*	(Listed As: Tetrakis(hydroxymethyl)phosphonium sulfate)			
@ Tetradecanoylphorbol acetate (TPA) (Listed As: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG))	INIT/PROM	40	16	alpha-Thujone	546-80-5	35	16
				alpha/beta Thujone mixture	76231-76-0	35	16
				alpha/beta Thujone mixture	76231-76-0	44	16
				Titanium dioxide	13463-67-7	44	16
				Titanocene dichloride	1271-19-8	44	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
@ TMPPTA (Listed As: Trimethylolpropane triacrylate)	15625-89-5	32	16	Transgenic LEP (p-Anisidine hydrochloride)	20265-97-8	51	*
@ TMPPTA (Listed As: Trimethylolpropane triacrylate)	15625-89-5	32	16	Transgenic LEP (Cyclosporin A)	59865-13-3	51	*
@ TMPPTA (Listed As: Trimethylolpropane triacrylate)	15625-89-5	44	16	Transgenic LEP (Melphalan)	148-82-3	51	*
D-alpha-Tocopheryl acetate	58-95-7	51	*	Transgenic LEP (p-Cresidine)	120-71-8	51	*
Tolazamide	1156-19-0	44	16	Transgenic LEP (Resorcinol)	108-46-3	51	*
Tolbutamide	64-77-7	44	16	Transgenic LEP (Vinyl carbamate)	15805-73-9	51	*
Toluene	108-88-3	44	16	Transgenic model evaluation (p-Anisidine HCl)	20265-97-8	51	*
Toluene	108-88-3	35	16	Transgenic model evaluation (Bromodichloromethane)	75-27-4	51	*
2,6-Toluenediamine dihydrochloride (2,6-diaminotoluene dihydrochloride)	15481-70-6	44	16	Transgenic model evaluation (Bromodichloromethane)	75-27-4	51	*
2,5-Toluenediamine sulfate	6369-59-1	44	16	Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	51	*
2,4- & 2,6-Toluene diisocyanate	26471-62-5	44	16	Transgenic model evaluation (Cyclophosphamide monohydrate)	6055-19-2	51	*
p-Toluenesulfonamide	70-55-3	35	16	Transgenic model evaluation (Cyclosporin A)	59865-13-3	51	*
o-Toluidine hydrochloride	636-21-5	44	16	Transgenic model evaluation (Cyclosporin A)	59865-13-3	51	*
o-Toluidine hydrochloride	636-21-5	35	16	Transgenic model evaluation (DES)	56-53-1	51	*
p-Toluidine	106-49-0	31	10	Transgenic model evaluation (DES)	56-53-1	51	*
p-Tolylurea	622-51-5	46	17	Transgenic model evaluation (DES)	56-53-1	51	*
Toxaphene	8001-35-2	44	16	Transgenic model evaluation (DES)	56-53-1	51	*
Toxic equivalency factor evaluation (Dioxin mixture)	TEFDIOXINMIX	44	16	Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	51	*
Toxic equivalency factor evaluation (PCB 153- 2,2'-4,4',5,5'-hexachlorobiphenyl)	35065-27-1	44	16	Transgenic model evaluation (2,4-Diaminotoluene)	95-80-7	51	*
Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl)	57465-28-8	44	16	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	51	*
Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX)	TGMXFLAVCLAS	51	*	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	15481-70-6	51	*
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	51	*	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	51	*
Transgenic LECM (1-Chloro-2-propanol, technical)	127-00-4	51	*	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	117-81-7	51	*
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	51	*	Transgenic model evaluation (Ethynyl estradiol)	57-63-6	51	*
Transgenic LECM (Coconut oil acid diethanolamine condensate)	68603-42-9	51	*	Transgenic model evaluation (Ethynyl estradiol)	57-63-6	51	*
Transgenic LECM (Furfuryl alcohol)	98-00-0	51	*	Transgenic model evaluation (Ethynyl estradiol)	57-63-6	51	*
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	51	*	Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	51	*
Transgenic LECM (Lauric acid diethanolamine condensate)	120-40-1	51	*	Transgenic model evaluation (8-Hydroxyquinoline)	148-24-3	51	*
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	51	*	Transgenic Model Evaluation II (Acesulfame Potassium)	55589-62-3	32	16
Transgenic LECM (Oleic acid diethanolamine condensate)	93-83-4	51	*	Transgenic model evaluation II (Aspartame)	22839-47-0	32	16
Transgenic LECM (Pentachlorophenol)	87-86-5	51	*	Transgenic model evaluation II (Aspartame)	22839-47-0	32	16
Transgenic LECM (Pentachlorophenol)	87-86-5	51	*	Transgenic model evaluation II (Benzene)	71-43-2	32	16
Transgenic LECM (Pyridine)	110-86-1	51	*	Transgenic model evaluation II (Benzene)	71-43-2	32	16
Transgenic LECM (Pyridine)	110-86-1	51	*	Transgenic model evaluation II (Glycidol)	556-52-5	32	16
Transgenic LECM (Tetradecanoyl phorbol acetate (TPA))	16561-29-8	51	*	Transgenic model evaluation II (Glycidol)	556-52-5	32	16
				Transgenic model evaluation II (Phenolphthalein)	77-09-8	32	16
				Transgenic model evaluation (Melphalan)	148-82-3	51	*
				Transgenic model evaluation (Melphalan)	148-82-3	51	*

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
Transgenic model evaluation (Melphalan)	148-82-3	52	*	1,2,3-Trichloropropane	96-18-4	44	16
Transgenic model evaluation (Melphalan)	148-82-3	52	*	@ 1,1,1-Trichloro-2,2,2-trifluoroethane(Halogenated ethanes CS)	354-58-5	34	16
Transgenic model evaluation (Melphalan)	148-82-3	52	*	(Listed As: Halogenated ethanes CS (1,1,1-Trichloro-2,2,2-trifluoroethane))			
Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	52	*	Triclosan	3380-34-5	52	*
Transgenic model evaluation (N-Methylolacrylamide)	924-42-5	52	*	Tricresyl Phosphate	1330-78-5	52	*
Transgenic model evaluation (Methylphenidate hydrochloride)	298-59-9	52	*	Tricresyl Phosphate	1330-78-5	44	16
Transgenic model evaluation (Phenolphthalein)	77-09-8	52	*	Triethanolamine	102-71-6	52	*
Transgenic model evaluation (Resorcinol)	108-46-3	52	*	Triethanolamine	102-71-6	52	*
Transgenic model evaluation (Resorcinol)	108-46-3	52	*	Triethanolamine	102-71-6	44	16
Transgenic model evaluation (Resorcinol)	108-46-3	52	*	Triethanolamine	102-71-6	44	16
Transgenic model evaluation (Rotenone)	83-79-4	52	*	Triethylamine	121-44-8		12
Transgenic model evaluation (Rotenone)	83-79-4	52	*	Trifluralin	1582-09-8	44	16
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	Trimellitic anhydride	552-30-7	52	*
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	Trimellitic anhydride	552-30-7	52	*
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	2,4,5-Trimethylaniline	137-17-7	44	16
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	Trimethylolpropane triacrylate	15625-89-5	32	16
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	Trimethylolpropane triacrylate	15625-89-5	32	16
Transgenic Model Evaluation (2,3,7,8-Tetrachlorodibenzodioxin)	1746-01-6	52	*	Trimethylolpropane triacrylate	15625-89-5	44	16
Transgenic model evaluation (WY-14643)	50892-23-4	52	*	Trimethylphosphate	512-56-1	44	16
Transgenic model evaluation (WY-14643)	50892-23-4	52	*	Trimethylsilyldiazomethane (TMSD)	18107-18-1	30	5
Transgenic LECM (diethanolamine)	111-42-2	52	*	Trimethylthiourea	2489-77-2	44	16
Tremolite	14567-73-8	44	16	2,4,7-Trinitro-fluoren-9-one	129-79-3	35	16
Triamterene	396-01-0	52	*	2,4,7-Trinitro-fluoren-9-one	129-79-3	35	16
Triamterene	396-01-0	44	16	Tripelennamine hydrochloride	154-69-8	52	*
Tribromomethane	75-25-2	44	16	Triphenyl Phosphate	115-86-6	52	*
Tricaprylin	538-23-8	44	16	Triphenyltin hydroxide	76-87-9	44	16
Trichlorfon	52-68-6	52	*	Triprolidine	486-12-4	44	16
1,1,1-Trichloroethane	71-55-6	44	16	tris(Aziridinyl)-phosphine sulfide (Thio-TEPA)	52-24-4	45	16
1,1,1-Trichloroethane	71-55-6	35	16	Tris(2-Chloroethyl) Phosphate	115-96-8	45	16
1,1,2-Trichloroethane	79-00-5	44	16	tris(2,3-Dibromopropyl) phosphate	126-72-7	45	16
@ 1,1,1-Trichloroethane (Halogenated ethanes CS) (Listed As: Halogenated ethanes CS (1,1,1-Trichloroethane))	71-55-6	34	16	tris(2-Ethylhexyl)phosphate	78-42-2	45	16
Trichloroethylene	79-01-6	44	16	Trisodium ethylenediaminetetraacetate trihydrate (EDTA)	150-38-9	45	16
Trichloroethylene	79-01-6	44	16	L-Tryptophan	73-22-3	45	16
Trichloroethylene	79-01-6	44	16	Turmeric, oleoresin (curcumin)	8024-37-1	45	16
Trichloroethylene	79-01-6	44	16	Uracil mustard	66-75-1	46	17
Trichloroethylene	79-01-6	52	*	Urethane	51-79-6	35	16
Trichloroethylene	79-01-6	52	*	Urethane	51-79-6	45	16
Trichloroethylene	79-01-6	44	16	Urethane + ethanol (combination)	URETHCOMB	35	16
Trichlorofluoromethane	75-69-4	44	16	Urethane + ethanol (combination)	URETHCOMB	45	16
2,4,6-Trichlorophenol	88-06-2	44	16	Usnea Lichen	USNEALICHEN	30	6
1,2,3-Trichloropropane	96-18-4	52	*	(+)-Usnic Acid	7562-61-0	30	6
				Vanadium pentoxide	1314-62-1	35	16
				Vanadium pentoxide	1314-62-1	45	16
				Vanadyl sulfate	27774-13-6	31	8
				Vinblastine	865-21-4	46	17
				Vincamine	1617-90-9	52	*
				Vinclozolin	50471-44-8	52	*
				Vincristine	57-22-7	46	17

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CHEMICAL NAME	CASRN	PAGE	REF	CHEMICAL NAME	CASRN	PAGE	REF
4-Vinylcyclohexene	100-40-3	45	16	@ WY-14643 (Peroxisome project) (Listed As: Peroxisome project (WY-14643))	50892-23-4	35	16
4-Vinyl-1-cyclohexene diepoxide	106-87-6	45	16	@ WY-14643 (Transgenic model evaluation) (Listed As: Transgenic model evaluation (WY-14643))	50892-23-4	52	*
Vinylidene Chloride	75-35-4	45	16	@ WY-14643 (Transgenic model evaluation) (Listed As: Transgenic model evaluation (WY-14643))	50892-23-4	52	*
Vinylidene Chloride	75-35-4	45	16	Wyeth 14,643 (WY)	50892-23-4	52	*
Vinylidene fluoride	75-38-7	52	*	Xylenes (mixed)	1330-20-7	45	16
Vinyl toluene	25013-15-4	45	16	2,6-Xylidine	87-62-7	45	16
@ Vitamin C (Listed As: L-Ascorbic acid)	50-81-7	36	16	@ Yellow 12, C.I. Pigment (Listed As: Diarylanilide yellow)	6358-85-6	38	16
@ Vitamin E Acetate (Listed As: D-alpha-Tocopheryl acetate)	58-95-7	51	*	@ Yellow 3, C.I. Disperse (Listed As: C.I. Disperse Yellow 3)	2832-40-8	38	16
Water Damaged Building Mold Mixture	H2ODAMAGMLD	30	3	@ Yellow 14, C.I. Solvent (Listed As: C.I. Solvent Yellow 14)	842-07-9	38	16
Water disinfection byproducts (Bromochloroacetic acid)	5589-96-8	45	16	@ Yellow 4, C.I. Vat (Listed As: C.I. Vat Yellow 4)	128-66-5	38	16
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	52	*	@ Yellow 4, HC (Listed As: HC Yellow 4)	59820-43-8	40	16
Water disinfection byproducts (Bromodichloroacetic Acid)	71133-14-7	45	16	@ Yellow No. 11, D & C (Listed As: D&C Yellow No. 11)	8003-22-3	33	16
Water disinfection byproducts (Bromodichloromethane)	75-27-4	52	*	@ Yellow No. 11, D & C (Listed As: D&C Yellow No. 11)	8003-22-3	38	16
Water disinfection byproducts (Bromodichloromethane)	75-27-4	52	*	@ Yellow No. 6, FD & C (Listed As: FD & C Yellow No. 6)	2783-94-0	40	16
Water disinfection byproducts (Bromodichloromethane)	75-27-4	45	16	Zearalenone	17924-92-4	45	16
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	52	*	Zinc Carbonate, Basic	5263-02-5	32	14
Water disinfection byproducts (Dibromoacetic acid)	631-64-1	45	16	Ziram	137-30-4	45	16
Water disinfection byproducts (Dibromoacetone)	3252-43-5	45	16				
Water disinfection byproducts (Dichloroacetic acid)	79-43-6	52	*				
Water disinfection byproducts (Sodium chlorate)	7775-09-9	45	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Bromodichloromethane)	75-27-4	32	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	32	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	32	16				
Water disinfection model (Dichloroacetic acid)	79-43-6	32	16				
Water disinfection model (Sodium bromate)	7789-38-0	32	16				
Water disinfection model (Sodium bromate)	7789-38-0	32	16				
Water disinfection model (Sodium bromate)	7789-38-0	32	16				
Welding fumes	STEELWELDFUM	52	*				
@ West Fork Mine Ore (Missouri) (Listed As: Lead ores)	LEADORES	49	*				
Wollastonite calcium silicates	13983-17-0	46	17				

@ 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
2,6-Diaminopyridine	141-86-6	INTR/SYN
Dong quai (Angelica sinensis root extract)	299184-76-2	DIET
Propyl-4-hydroxybenzoate	94-13-3	FOOD/SYN

Ref No. 3

Chemicals Approved for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
Alternaria alternata mold	ALTERNARIA	NATL/NATL
N-Butylbenzenesulfonamide	3622-84-2	PLAS/SYN
Damp Building Mold Mixture	DAMPBLDGMOLD	NATL/NATL
Nanoscale Material (Fullerene C60 18 microns)	99685-96-8	NANO/N/S
Nanoscale Material (Fullerene C60 200 nanometers)	99685-96-8	NANO
Stachybotrys chartarum strain 1 mold (macrocytic trichothecene chemotype)	STACHYSTRN1	NATL/NATL
Stachybotrys chartarum strain 2 mold (atranone chemotype)	STACHYSTRN2	NATL/NATL
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
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 DATE	START DATE
Acrylamide	79-06-1	COMT/SYN	GAV	HSD				04/17A	
Aflatoxin B1 (TGMX)	1162-65-8	LABC/NATL	FEED	R2					
1,2-Bis(2,4,6-tribromophenoxy)ethane	37853-59-1	FLAM	GAV	HSDE				11/16A	
N-Butylbenzenesulfonamide	3622-84-2	PLAS/SYN	FEED	M22				02/14A	
Crumbrubber various	CRUMBRUBBERVARIOUS	N/S/SYN		M22				02/17A	
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	
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	
Hexachlorocyclopentadienyl-dibromocyclooctane	51936-55-1	FLAM/SYN	GAV	HSDE				11/16A	
Isopropylated Phenol Phosphate	68937-41-7	FLAM/SYN	FEED	M22				12/14A	
Perfluorohexane sulfonate potassium salt (PFHKSlt)	3871-99-6	PLAS/SYN	GAV	HSD				02/12A	
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. 6

Short-Term Studies Completed: In Review for Further Evaluation

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPD	D*	SUBCHR	START DATE	START DATE
Aloin	1415-73-2	NATL	WATER	RC					07/15A
Aspergillus versicolor mold	ASPERGILLUSV	NATL/NATL	INHAL	M22					
Microbiome	MICROBIOME	NATL	N/A					07/15A	
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	
Serotype 2 Adeno-associated Viral Vector	AAV2HAQP1		ID/CN	MW					04/11A
hAQPl (rAAV2hAQPl)									
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. 8

Long-Term Exposure Studies: Laboratory Study Report in Preparation

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Aging Cohort Study: 12951/Sv1mJ mouse	MOUSEPHEN01	N/A	N/A	MR
Aging Cohort Study: C57/BL/6J mouse	MOUSEPHEN04	N/A	N/A	MZ
Aging Cohort Study: WSB/EIJ mouse	MOUSEPHEN09	N/A	N/A	M14
Aging Cohort Study: A/J mouse	MOUSEPHEN02	N/A	N/A	MF
alpha-Pinene	80-56-8	SOLV/SYN	INHAL	M3 HSD
AZT/Drug Combinations	AIDSDRUGSNEO	PHAR/SYN	GAV	MV M3
Transplacental/Neonatal Study				
Insertional Mutagenesis - Definitive Vector Study	INSERTMUT3	N/A	IV	M1
Sodium Metavanadate	13718-26-8	COMT/SYN	WATER	M3 HSD
Vanadyl sulfate	27774-13-6	DYE	WATER	M3 HSD M22

Ref No. 10

Long-Term Exposure Studies: Pathology Quality Assessment in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
Aging Cohort Study: B6C3F1J mouse	MOUSEPHEN06	N/A	N/A	63
Aging Cohort Study: NZO/HiLtJ mouse	MOUSEPHEN10	N/A	N/A	61
N,N-Dimethyl-p-toluidine	99-97-8	INTR/SYN	GAV	RD M3
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 NUMBER	USE	ROUTE	SPECIES	RPT No.
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	
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	

Ref No. 13

Long-Term Exposure Studies Scheduled for Peer Review

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.
Cell Phone Radiation: CDMA	CELLPRADCDMA	N/A	WB	M22 HSDE	
Cell Phone Radiation: GSM	CELLPRADGSM	N/A	WB	M22 HSDE	
1020 Long Multiwalled Carbon Nanotube	L-MWNT-1020		INHAL	M3 HSD	

Ref No. 14

Post Peer Review Technical Reports in Progress

Short-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	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	
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 Carcnoegen 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				
Allyl bromide	106-95-6	COSM/SYN	GAV	ME MI	GMM-07				
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	R2 M3	GMM-09				
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	ME	GMM-09				
Dicyclohexylcarbodiimide	538-75-0	IND/SYN	SP	MD	GMM-09				
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	ME	GMM-10				
Diisopropylcarbodiimide	693-13-0	INTR/SYN	SP	MD	GMM-10				
Pentaerythritol triacrylate	3524-68-3	PLAS	SP	R2 M3	GMM-04				
Pentaerythritol triacrylate	3524-68-3	PLAS	SP	ME	GMM-04				
Transgenic Model Evaluation II (Acesulfame Potassium)	55589-62-3	FOOD	FEED	ME MD	GMM-02				
Transgenic model evaluation II (Aspartame)	22839-47-0	FOOD/SYN	FEED	ME MD	GMM-01				
Transgenic model evaluation II (Aspartame)	22839-47-0	FOOD/SYN	FEED	MQ	GMM-01				
Transgenic model evaluation II (Benzene)	71-43-2	DYE/N/S	GAV	MQ	GMM-08				
Transgenic model evaluation II (Glycidol)	556-52-5	COSM/SYN	GAV	MQ	GMM-13				
Transgenic model evaluation II (Phenolphthalein)	77-09-8	DYE/SYN	FEED	MQ	GMM-12				
Trimethylolpropane triacrylate	15625-89-5	ADHS	SP	R2 M3	GMM-03				
Trimethylolpropane triacrylate	15625-89-5	ADHS	SP	ME	GMM-03				
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	MD	GMM-05				
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	SP	MI ME	GMM-05				
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	GAV	MD	GMM-05				
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	WATER	ME	GMM-05				
Water disinfection model (Bromodichloromethane)	75-27-4	FLAM/SYN	GAV	ME	GMM-05				
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	WATER	MD	GMM-11				
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	SP	MI ME	GMM-11				
Water disinfection model (Dichloroacetic acid)	79-43-6	GERM/SYN	WATER	ME	GMM-11				
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	WATER	MD	GMM-06				
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	SP	ME MI	GMM-06				
Water disinfection model (Sodium bromate)	7789-38-0	COSM/SYN	WATER	ME	GMM-06				

*+ 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

CARCINOGEN
CODES
MR FR MM FM**

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER			
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			
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			
Brominated Vegetable Oil	8016-94-2			HSD					
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	CHEMIXH20	COMT/NATL	WATER	R2 M3	TOX-35	PB94-121498			
Chloral hydrate	302-17-0	PHAR/SYN	GAV	R2 MV	TOX-59	PB2000-101393			
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			

*+ MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 4 for explanation of CarcinoGen 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	CARCINOGEN CODES
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 TEXTL/SYN	SP	R2 M3	TOX-20	PB93-133999	
Diethanolamine	111-42-2 TEXTL/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	
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	

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See Page 4 for explanation of Carcino Code

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Short-Term Studies

CARCINOGEN
CODES
MR FR MM FM**

CHEMICAL NAME	PRIMARY CAS USE NUMBER	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	
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	
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	MW MX 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	PB2018100058	
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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See Page 4 for explanation of Carcnoegen 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.

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Printed Long-Term and Short-Term Study Reports

Long-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	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	NE	EE	NE	NE
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)	ALOEVLAEFEXT	DIET/NATL	WATER	RC MV	TR-577	PB2014-100511	CE	CE	NE	NE
Aloe vera whole leaf extract (native)	ALOEVLAEFEXT	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	M3 MV	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

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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'-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
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	TEXTL/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

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Printed Long-Term and Short-Term Study Reports

Long-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES			
							MR	FR	MM	FM**
Chloroform	67-66-3	SOLV/SYN	GAV	R1 M3	TR-000 (67-66-3)	PB264018	P	N	P	P
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
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	R2 RD M22	TR-581	PB2015-101829	CE	CE	CE	CE
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
Cytembena	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	R2 RB 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

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							MR	FR	MM	FM**
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
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	TEXL/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	TEXL/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

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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
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
Furosemide	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	RE RD M22	TR-585	PB2018100060	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	PB2018100059	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 M5 M3	TR-441	PB96-214655				

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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				
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			
Malaoxon	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	RD RE M22	TR-586	PB2016102573	EE	EE	NE	NE
Metal Working Fluids: TRIM® VX	TRIMVX	METL/SYN	INHAL	RE M3	TR-591	PB2018100061	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	NE	EE	EE
Methyl dopa 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

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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
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	M3 M6	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	R2 RE 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

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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
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	R9 R2 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
Selsun	EMTDP-74	COSM/N/S	SP	M4	TR-199	PB82-164542				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	TOX-72	PB2007-107225	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)	TEFBINARMIX	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		

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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	RD RE M22	TR-587	PB2015-102753	EE	CE	SE	SE
3,3',4,4'-Tetrachloroazobenzene	14047-09-7	PEST/SYN	GAV	HSD M22	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 M22	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	15481-70-6	INTR/SYN	FEED	R2 M3	TR-200	PB80-217912	N	N	N	N
(2,6-diaminotoluene dihydrochloride)										
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 mixture)	TEFDIOXINMIX	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	R1 R6	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
Triprolidine	486-12-4	PHAR/SYN	FEED	R2 M3	NR-414/415					

** 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

Long-Term Studies

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	RPT No.	NTIS ** NUMBER	CARCINOGEN CODES			
							MR	FR	MM	FM**
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
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 Carcnoen Codes

Ref No. 17

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

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	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	H
1,3-bis(Chloroethyl)-1-nitrosourea	154-93-8	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE	A
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	A
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	J
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	A
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	A
o,p'-DDD	53-19-0	PEST/SYN	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE	A
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	A

Ref No. 17

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

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES	COMMENTS	FOOTNOTE REFERENCE
Dichloromethotrexate	528-74-5	CMOT	IP/IJ	R8 M4	RESULTS REPORTED IN JOURNAL ARTICLE	A
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		
Epichlorhydrin	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-Methylmercaptapurine 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) .

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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)

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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.

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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.

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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 12-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	AZTDCCOMB 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

Appendix

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

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
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
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	FEED	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

Appendix

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

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
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
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/DERT 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

Appendix

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CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPECIES
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
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

Appendix

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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
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

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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
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	46	17
50-00-0	Formaldehyde	49	*	57-41-0	5,5-Diphenylhydantoin (phenytoin)	39	16
50-00-0	Formaldehyde	49	*	57-63-6	Endocrine disruptor (Ethinyl estradiol)	39	16
50-06-6	Phenobarbital	50	*	57-63-6	Endocrine disruptor (Ethinyl estradiol)	39	16
50-07-7	Mitomycin C	46	17	57-63-6	Endocrine disruptor (Ethinyl estradiol)	39	16
50-18-0	Cyclophosphamide	45	17	57-63-6	Endocrine disruptor (Ethinyl estradiol)	39	16
50-29-3	Dichlorodiphenyltrichloroethane (DDT)	39	16	57-63-6	Transgenic model evaluation (Ethinyl estradiol)	51	*
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50-55-5	Reserpine	50	*	57-74-9	Chlordane (analytical grade)	37	16
50-76-0	Actinomycin D	45	17	57-97-6	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
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@ 51-79-6	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	45	16				
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54-31-9	Furosemide	40	16	@ 58-08-2	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	48	*
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75-27-4	Water disinfection model (Bromodichloromethane)	32	16	78-44-4	Carisoprodol		16
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88-72-2	o-Nitrotoluene	35	16				
88-72-2	o-Nitrotoluene	35	16				
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88-73-3	2-Chloronitrobenzene	33	16				
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95-94-3	1,2,4,5-Tetrachlorobenzene	35	16	99-56-9	4-Nitro-o-phenylenediamine	42	16
96-09-3	Styrene oxide	46	17	99-57-0	2-Amino-4-nitrophenol	36	16
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96-18-4	Fish project 1 (1,2,3-Trichloropropane)	40	16	99-99-0	p-Nitrotoluene	35	16
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96-18-4	1,2,3-Trichloropropane	44	16	@ 100-00-5	4-Chloronitrobenzene	33	16
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96-45-7	Ethylene thiourea (ETU)	40	16	100-01-6	p-Nitroaniline	42	16
96-48-0	gamma-Butyrolactone	37	16	100-02-7	p-Nitrophenol	42	16
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97-52-9	2-Methoxy-4-nitroaniline	49	*	100-41-4	Ethylbenzene	34	16
97-53-0	Eugenol	40	16	100-41-4	Ethylbenzene	40	16
@ 97-53-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*	100-42-5	Styrene	43	16
97-54-1	Isoeugenol	41	16	100-42-5	Styrene	50	*
@ 97-54-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*	100-44-7	Benzyl chloride	45	17
97-77-8	Tetraethylthiuram disulfide	44	16	100-47-0	Benzonitrile	47	*
98-00-0	Furfuryl alcohol	34	16	100-51-6	Benzyl alcohol	37	16
98-00-0	Furfuryl alcohol	40	16	100-52-7	Benzaldehyde	37	16
98-00-0	Transgenic LECM (Furfuryl alcohol)	51	*	100-64-1	Cyclohexanone oxime	33	16
98-01-1	Furfural	40	16	101-05-3	Anilazine	36	16
98-29-3	p-tert-Butylcatechol	33	16	101-54-2	N-Phenyl-p-phenylenediamine	42	16
98-29-3	p-tert-Butylcatechol	33	16	101-61-1	4,4'-Methylenebis(N,N- dimethyl)benzenamine	41	16
98-56-6	p-Chloro-a,a,a-trifluorotoluene	31	12	101-80-4	4,4'-Oxydianiline	42	16
98-56-6	p-Chloro-a,a,a-trifluorotoluene	32	14	101-90-6	Diglycidyl resorcinol ether (DGRE)	39	16
98-56-6	p-Chloro-a,a,a-trifluorotoluene	33	16	102-06-7	1,3-Diphenylguanidine		16
98-56-6	p-Chloro-a,a,a-trifluorotoluene	33	16	102-50-1	m-Cresidine	38	16
98-82-8	Cumene	38	16	102-54-5	Ferrocene	48	*
98-83-9	alpha-Methylstyrene	49	*	102-71-6	Triethanolamine	52	*
98-83-9	alpha-Methylstyrene	41	16	102-71-6	Triethanolamine	52	*
98-85-1	alpha-Methylbenzyl alcohol	41	16	102-71-6	Triethanolamine	52	*
98-95-3	Nitrobenzene	49	*	102-71-6	Triethanolamine	44	16
@ 98-96-4	AZT + Pyrazinamide combination (AIDS Initiative) (Primary CASRN is AZTZINAMIDE)	33	16	102-96-5	beta-Nitrostyrene	42	16
				103-23-1	Di(2-ethylhexyl)adipate	39	16
				103-33-3	Azobenzene	37	16
				103-85-5	1-Phenyl-2-thiourea	42	16
				103-90-2	Acetaminophen (4-hydroxyacetanilide)	36	16
				103-90-2	Acetaminophen (4-hydroxyacetanilide)	47	*
				@ 104-46-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*

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CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
104-55-2	Cinnamaldehyde	48	*	108-60-1	bis(2-Chloro-1-methylethyl) ether	37	16
105-11-3	p-Benzoquinone dioxime	37	16	108-78-1	Melamine	41	16
105-55-5	N,N'-Diethylthiourea	39	16	@ 108-78-1	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	49	*
105-60-2	Caprolactam	37	16	@ 108-80-5	Melamine + Cyanuric Acid combination (Primary CASRN is MELCYANCOMB)	49	*
105-87-3	Geranyl acetate	40	16	108-86-1	Bromobenzene	47	*
106-44-5	p-Cresol	33	16	108-86-1	Bromobenzene	47	*
106-46-7	1,4-Dichlorobenzene (p-dichlorobenzene)	39	16	@ 108-88-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
106-47-8	p-Chloroaniline	37	16	108-88-3	Toluene	44	16
106-49-0	p-Toluidine	31	10	108-88-3	Toluene	35	16
106-87-6	4-Vinyl-1-cyclohexene diepoxide	45	16	@ 108-90-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
106-88-7	1,2-Epoxybutane	39	16	108-90-7	Chlorobenzene	37	16
106-89-8	Epichlorhydrin	46	17	108-94-1	Cyclohexanone	45	17
106-92-3	Allyl glycidyl ether	36	16	@ 108-95-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
106-93-4	1,2-Dibromoethane	38	16	106-93-4	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
106-93-4	1,2-Dibromoethane	38	16	106-94-5	1-Bromopropane	37	16
@ 106-93-4	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16	106-95-6	Allyl bromide	32	16
106-94-5	1-Bromopropane	37	16	106-95-6	Allyl bromide	47	*
106-95-6	Allyl bromide	32	16	106-95-6	Allyl bromide	32	16
106-95-6	Allyl bromide	47	*	106-99-0	1,3-Butadiene	37	16
106-95-6	Allyl bromide	32	16	106-99-0	1,3-Butadiene	48	*
106-99-0	1,3-Butadiene	37	16	106-99-0	1,3-Butadiene	37	16
106-99-0	1,3-Butadiene	48	*	106-99-0	1,3-Butadiene	45	17
106-99-0	1,3-Butadiene	37	16	107-02-8	Acrolein	33	16
106-99-0	1,3-Butadiene	45	17	107-05-1	Allyl chloride	36	16
107-02-8	Acrolein	33	16	@ 107-06-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
107-05-1	Allyl chloride	36	16	107-06-2	1,2-Dichloroethane	39	16
@ 107-06-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16	107-06-2	1,2-Dichloroethane	33	16
107-06-2	1,2-Dichloroethane	39	16	107-06-2	1,2-Dichloroethane	16	16
107-06-2	1,2-Dichloroethane	33	16	107-06-2	1,2-Dichloroethane	16	16
107-06-2	1,2-Dichloroethane	16	16	107-06-2	1,2-Dichloroethane	16	16
107-07-3	2-Chloroethanol (ethylene chlorohydrin)	37	16	107-07-3	2-Chloroethanol (ethylene chlorohydrin)	37	16
107-13-1	Acrylonitrile	36	16	110-02-1	Thiophene	51	*
107-18-6	Allyl alcohol	33	16	110-54-3	n-Hexane	34	16
107-19-7	Propargyl alcohol	43	16	110-63-4	1,4-Butanediol		16
107-21-1	Ethylene glycol	40	16	110-69-0	Butanal oxime	33	16
107-22-2	Glyoxal	49	*	110-80-5	Ethylene glycol monoethyl ether (EGMEE)	34	16
107-30-2	Chloromethyl methyl ether	45	17	110-80-5	Ethylene glycol monoethyl ether (EGMEE)	34	16
108-10-1	Methyl isobutyl ketone	41	16	110-86-1	Pyridine	50	*
108-30-5	Succinic anhydride	43	16	110-86-1	Pyridine	43	16
108-39-4	m-Cresol	33	16	110-86-1	Pyridine	43	16
108-42-9	m-Chloroaniline	33	16	110-86-1	Transgenic LECM (Pyridine)	51	*
108-46-3	Resorcinol	43	16	110-86-1	Transgenic LECM (Pyridine)	51	*
108-46-3	Transgenic LEP (Resorcinol)	51	*	111-30-8	Glutaraldehyde	34	16
108-46-3	Transgenic model evaluation (Resorcinol)	52	*	111-30-8	Glutaraldehyde	40	16
108-46-3	Transgenic model evaluation (Resorcinol)	52	*	111-42-2	Diethanolamine	34	16
108-60-1	bis(2-Chloro-1-methylethyl) ether	37	16	111-42-2	Diethanolamine	34	16
				111-42-2	Diethanolamine	39	16
				111-42-2	Transgenic LECM (diethanolamine)	52	*

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111-76-2	2-Butoxyethanol (ethylene glycol monobutyl ether)	33	16	@ 120-58-1	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*
111-76-2	2-Butoxyethanol (ethylene glycol monobutyl ether)	33	16				
111-76-2	2-Butoxyethanol (ethylene glycol monobutyl ether)	37	16	120-61-6	Dimethyl terephthalate	39	16
111-91-1	bis(2-Chloroethoxy)methane	37	16	120-62-7	Piperonyl sulfoxide	43	16
111-91-1	bis(2-Chloroethoxy)methane	48	*	120-71-8	p-Cresidine	38	16
111-91-1	bis(2-Chloroethoxy)methane	48	*	120-71-8	p-Cresidine	48	*
113-92-8	Chlorpheniramine maleate	38	16	120-71-8	Transgenic LEP (p-Cresidine)	51	*
115-07-1	Propylene	43	16	120-83-2	2,4-Dichlorophenol	39	16
115-11-7	Isobutene	41	16	121-14-2	2,4-Dinitrotoluene	39	16
115-28-6	Chlorendic acid	37	16	121-19-7	Roxarsone	43	16
115-29-7	Endosulfan	39	16	121-44-8	Triethylamine		12
115-32-2	Dicofol	39	16	121-54-0	Benzethonium chloride	33	16
115-86-6	Triphenyl Phosphate	52	*	121-54-0	Benzethonium chloride	37	16
115-96-8	Tris(2-Chloroethyl) Phosphate	45	16	121-66-4	2-Amino-5-nitrothiazole	36	16
116-06-3	Aldicarb	36	16	121-69-7	N,N-Dimethylaniline	39	16
@ 116-06-3	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16	121-75-5	Malathion	41	16
				121-75-5	Malathion	41	16
116-14-3	Tetrafluoroethylene	35	16	121-79-9	Propyl gallate	43	16
116-14-3	Tetrafluoroethylene	44	16	121-88-0	2-Amino-5-nitrophenol	36	16
117-08-8	Tetrachlorophthalic anhydride	35	16	121-92-6	m-Nitrobenzoic acid	49	*
117-39-5	Quercetin	43	16	@ 122-34-9	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
117-79-3	2-Aminoanthraquinone	36	16				
@ 117-81-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16	122-34-9	Simazine	50	*
				122-66-7	Hydrazobenzene	40	16
117-81-7	Di(2-ethylhexyl) Phthalate	48	*	123-31-9	Hydroquinone	40	16
117-81-7	Di(2-ethylhexyl) Phthalate	48	*	123-35-3	beta-Myrcene	41	16
117-81-7	Di(2-ethylhexyl) Phthalate	39	16	123-72-8	Butyraldehyde	48	*
117-81-7	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	51	*	123-77-3	Azodicarbonamide	47	*
117-81-7	Transgenic model evaluation (Di(2-ethylhexyl) phthalate)	51	*	123-91-1	1,4-Dioxane	39	16
				124-48-1	Chlorodibromomethane	37	16
118-74-1	Hexachlorobenzene	31	14	124-64-1	Tetrakis(hydroxymethyl)phosphonium chloride	44	16
118-92-3	o-Anthranilic acid	36	16	125-33-7	Primidone (primaclone)	43	16
119-34-6	4-Amino-2-nitrophenol	36	16	126-72-7	tris(2,3-Dibromopropyl) phosphate	45	16
119-53-9	Benzoin	37	16	126-98-7	Methacrylonitrile		16
119-61-9	Benzophenone	33	16	126-98-7	Methacrylonitrile	41	16
119-61-9	Benzophenone	37	16	126-99-8	Chloroprene	33	16
119-64-2	Tetralin	44	16	126-99-8	Chloroprene	38	16
119-84-6	3,4-Dihydrocoumarin	34	16	126-99-8	Chloroprene	48	*
119-84-6	3,4-Dihydrocoumarin	39	16	126-99-8	Chloroprene	48	*
120-32-1	o-Benzyl-p-chlorophenol	33	16	127-00-4	1-Chloro-2-propanol, technical	33	16
120-32-1	o-Benzyl-p-chlorophenol	37	16	127-00-4	1-Chloro-2-propanol, technical	48	*
120-32-1	o-Benzyl-p-chlorophenol	37	16	127-00-4	1-Chloro-2-propanol, technical	38	16
120-40-1	Lauric acid diethanolamine condensate	41	16	127-00-4	Transgenic LECM (1-Chloro-2-propanol, technical)	51	*
120-40-1	Transgenic LECM (Lauric acid diethanolamine condensate)	51	*	127-00-4	Transgenic LECM (1-Chloro-2-propanol, technical)	51	*
120-40-1	Transgenic LECM (Lauric acid diethanolamine condensate)	51	*	127-07-1	Hydroxyurea	46	17
				@ 127-18-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16
				127-18-4	Tetrachloroethylene	44	16

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127-18-4	Tetrachloroethylene	44	16	140-67-0	Estragole	48	*
@ 127-47-9	Retinoid project 1 (Primary CASRN is RETINOID1)	50	*	140-67-0	Estragole	34	16
127-47-9	Retinoid project 3 (Retinol acetate)	50	*	@ 140-67-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*
127-69-5	Sulfisoxazole	43	16	140-88-5	Ethyl acrylate	40	16
128-37-0	Butylated hydroxytoluene	37	16	142-04-1	Aniline hydrochloride	36	16
128-66-5	C.I. Vat Yellow 4	38	16	142-46-1	2,5-Dithiobiurea	39	16
129-15-7	2-Methyl-1-nitroanthraquinone	41	16	142-83-6	2,4-Hexadienal	34	16
129-15-7	2-Methyl-1-nitroanthraquinone	46	17	142-83-6	2,4-Hexadienal	40	16
129-73-7	Leucomalachite green	41	16	143-33-9	Sodium cyanide		16
129-73-7	Leucomalachite green	34	16	143-50-0	Chlordecone	37	16
129-79-3	2,4,7-Trinitro-fluoren-9-one	35	16	147-24-0	Diphenhydramine hydrochloride	39	16
129-79-3	2,4,7-Trinitro-fluoren-9-one	35	16	147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	34	16
130-17-6	2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid	47	*	147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	39	16
@ 131-11-3	Diethyl phthalate/dimethyl phthalate (Primary CASRN is DIETH/DIMETH)	39	16	147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	34	16
131-17-9	Diallyl phthalate	38	16	147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	39	16
131-17-9	Diallyl phthalate	38	16	147-47-7	1,2-Dihydro-2,2,4-trimethylquinoline (monomer)	39	16
131-57-7	2-Hydroxy-4-methoxybenzophenone	34	16	147-94-4	Cytarabine	45	17
131-57-7	2-Hydroxy-4-methoxybenzophenone	34	16	148-18-5	Sodium diethyldithiocarbamate	43	16
131-57-7	2-Hydroxy-4-methoxybenzophenone	34	16	148-24-3	8-Hydroxyquinoline	40	16
132-32-1	3-Amino-9-ethylcarbazole	45	17	148-24-3	Transgenic model evaluation (8-Hydroxyquinoline)	51	*
132-98-9	Penicillin VK	42	16	148-24-3	Transgenic model evaluation (8-Hydroxyquinoline)	51	*
133-06-2	Captan	37	16	148-82-3	Melphalan	46	17
133-90-4	Chloramben	37	16	148-82-3	Transgenic LEP (Melphalan)	51	*
134-29-2	o-Anisidine hydrochloride	36	16	148-82-3	Transgenic model evaluation (Melphalan)	51	*
134-50-9	9-Aminoacridine hydrochloride	47	*	148-82-3	Transgenic model evaluation (Melphalan)	51	*
134-50-9	9-Aminoacridine hydrochloride	47	*	148-82-3	Transgenic model evaluation (Melphalan)	51	*
134-72-5	Ephedrine sulfate	39	16	148-82-3	Transgenic model evaluation (Melphalan)	51	*
135-20-6	Cupferron	38	16	148-82-3	Transgenic model evaluation (Melphalan)	52	*
135-23-9	Methapyrilene hydrochloride	46	17	148-82-3	Transgenic model evaluation (Melphalan)	52	*
135-23-9	Methapyrilene hydrochloride	49	*	148-82-3	Transgenic model evaluation (Melphalan)	52	*
135-23-9	Methapyrilene hydrochloride	35	16	148-82-3	Transgenic model evaluation (Melphalan)	52	*
135-88-6	N-Phenyl-2-naphthylamine	42	16	148-82-3	Transgenic model evaluation (Melphalan)	52	*
136-35-6	Diazoaminobenzene	33	16	149-30-4	2-Mercaptobenzothiazole	41	16
136-40-3	Phenazopyridine hydrochloride	42	16	150-38-9	Trisodium ethylenediaminetetraacetate trihydrate (EDTA)	45	16
136-45-8	2,5-Pyridinedicarboxylic Acid, Dipropyl Ester	50	*	150-68-5	Monuron	41	16
136-77-6	4-Hexylresorcinol	40	16	154-69-8	Tripelennamine hydrochloride	52	*
137-09-7	2,4-Diaminophenol dihydrochloride	38	16	154-93-8	1,3-bis(Chloroethyl)-1-nitrosourea	45	17
137-17-7	2,4,5-Trimethylaniline	44	16	156-10-5	p-Nitrosodiphenylamine	42	16
137-30-4	Ziram	45	16	156-59-2	cis-1,2-Dichloroethylene	48	*
139-13-9	Nitrilotriacetic acid (NTA)	42	16	@ 156-60-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16
139-65-1	4,4'-Thiodianiline	44	16	156-60-5	trans-1,2-Dichloroethylene	48	*
139-94-6	Nithiazide	42	16	156-60-5	trans-1,2-Dichloroethylene	48	*
140-11-4	Benzyl acetate	37	16	156-60-5	trans-1,2-Dichloroethylene	34	16
140-11-4	Benzyl acetate	37	16	156-62-7	Calcium cyanamide	37	16
@ 140-11-4	Benzyl acetate + glycine combination study (Primary CASRN is GLYCINEBENZA)	47	*	262-12-4	Dibenzo-p-dioxin	38	16
140-49-8	4-(Chloroacetyl)acetanilide	37	16				
140-56-7	Formulated fenaminosulf	40	16				

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271-89-6	Benzofuran	37	16	@ 458-37-7	Prevention 4 (Melatonin + curcumin)	50	*
286-20-4	Cyclohexene oxide	48	*		(Primary CASRN is MEL+CURCUMIN)		
286-20-4	Cyclohexene oxide	48	*	462-08-8	3-Aminopyridine	47	*
286-20-4	Cyclohexene oxide	48	*	@ 462-08-8	Comparison study of Aminopyridines/Troponin levels	47	*
298-00-0	Methyl parathion	41	16		(Primary CASRN is AMINOPYRCOMP)		
298-59-9	Methylphenidate hydrochloride	35	16	469-21-6	Doxylamine	39	16
298-59-9	Methylphenidate hydrochloride	41	16	470-82-6	1,8-Cineol	48	*
298-59-9	Transgenic model evaluation (Methylphenidate hydrochloride)	52	*	470-82-6	1,8-Cineol	48	*
298-81-7	8-Methoxypsoralen	41	16	@ 471-15-8	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	35	16
@ 299-42-3	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	48	*	@ 471-15-8	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	44	16
@ 299-42-3	Ephedrine + caffeine combination (Primary CASRN is EPHEDCOMBO)	48	*	481-72-1	Aloe-emodin	36	16
@ 301-04-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16	486-12-4	Triprolidine	44	16
301-04-2	Lead(2+) acetate	49	*	488-41-5	Dibromomannitol	45	17
@ 301-04-2	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	49	*	504-24-5	4-Aminopyridine	47	*
302-17-0	Chloral hydrate	37	16	@ 504-24-5	Comparison study of Aminopyridines/Troponin levels (Primary CASRN is AMINOPYRCOMP)	47	*
302-17-0	Chloral hydrate	33	16	504-29-0	2-Aminopyridine	47	*
302-17-0	Chloral hydrate	37	16	@ 504-29-0	Comparison study of Aminopyridines/Troponin levels (Primary CASRN is AMINOPYRCOMP)	47	*
303-34-4	Lasiocarpine	41	16	504-88-1	3-Nitropropionic acid	42	16
303-47-9	Ochratoxin A	42	16	509-14-8	Tetranitromethane	44	16
305-03-3	Chlorambucil	45	17	510-15-6	Chlorobenzilate	37	16
306-37-6	1,2-Dimethylhydrazine 2HCl	46	17	512-56-1	Trimethylphosphate	44	16
307-24-4	Perfluorohexanoic acid (PFHXA)	30	6	513-37-1	Dimethylvinyl chloride (DMVC)	39	16
309-00-2	Aldrin	36	16	513-86-0	Acetoin	31	14
315-18-4	Mexacarbate	41	16	@ 514-78-3	Retinoid project 1 (Primary CASRN is RETINOID1)	50	*
316-42-7	Emetine hydrochloride	39	16	518-82-1	Emodin	39	16
320-67-2	5-Azacytidine	36	16	528-74-5	Dichloromethotrexate	46	17
333-41-5	Diazinon	38	16	531-76-0	Merphalan	46	17
335-67-1	Perfluorooctanoic Acid	50	*	531-85-1	Benzidine dihydrochloride	47	*
335-67-1	Perfluorooctanoic Acid	30	6	532-27-4	2-Chloroacetophenone (CN)	37	16
335-76-2	Perfluorodecanoic Acid	30	6	536-33-4	Ethionamide	40	16
342-69-8	6-Methylmercaptapurine ribonucleoside	46	17	538-23-8	Tricaprylin	44	16
354-58-5	Halogenated ethanes CS (1,1,1-Trichloro-2,2,2-trifluoroethane)	34	16	538-75-0	Dicyclohexylcarbodiimide	32	16
366-70-1	Procarbazine hydrochloride	46	17	538-75-0	Dicyclohexylcarbodiimide	32	16
366-70-1	Procarbazine hydrochloride	43	16	538-75-0	Dicyclohexylcarbodiimide	32	16
367-51-1	Sodium thioglycolate	35	16	540-59-0	cis & trans 1,2-Dichloroethylene	48	*
375-73-5	Perfluorobutane sulfonate (PFBS)	30	6	542-56-3	Isobutyl nitrite	41	16
375-95-1	Perfluorononanoic Acid	30	6	542-75-6	1,3-Dichloropropene (Telone II)	39	16
389-08-2	Nalidixic acid	41	16	542-88-1	bis(Chloromethyl) ether	45	17
396-01-0	Triamterene	52	*	546-80-5	alpha-Thujone	35	16
396-01-0	Triamterene	44	16	@ 546-80-5	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	35	16
431-03-8	2,3-Butanedione	32	14	@ 546-80-5	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	44	16
434-07-1	Oxymetholone	49	*	548-62-9	Hexamethyl-p-rosaniline chloride	40	16
434-07-1	Oxymetholone	42	16	548-62-9	Hexamethyl-p-rosaniline chloride	40	16
434-13-9	Lithocholic acid	41	16	552-30-7	Trimellitic anhydride	52	*
446-72-0	Endocrine disruptor (Genistein)	39	16				
446-86-6	Azathioprine	45	17				
458-37-7	Prevention 4 (Curcumin)	50	*				

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552-30-7	Trimellitic anhydride	52	*	693-13-0	Diisopropylcarbodiimide	39	16
556-52-5	Glycidol	40	16	693-98-1	2-Methylimidazole	35	16
556-52-5	Transgenic model evaluation II (Glycidol)	32	16	693-98-1	2-Methylimidazole	41	16
563-47-3	3-Chloro-2-methylpropene	38	16	700-06-1	Indole-3-carbinol	31	14
569-61-9	C.I. Basic Red 9 Monohydrochloride	38	16	700-06-1	Indole-3-carbinol	40	16
569-64-2	Malachite green	41	16	700-06-1	Prevention 4 (Indole-3-carbinol)	50	*
569-64-2	Malachite green	34	16	@ 700-06-1	Prevention 4 (Melatonin + indole-3-carbinol) (Primary CASRN is MEL+INDOLCAR)	50	*
583-39-1	2-Mercaptobenzimidazole	49	*	@ 723-46-6	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSTMX)	47	*
583-39-1	2-Mercaptobenzimidazole	49	*	@ 723-46-6	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSTMX)	47	*
591-87-7	Allyl acetate	33	16	@ 738-70-5	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSTMX)	47	*
597-25-1	Dimethyl morpholinophosphoramidate	39	16	@ 738-70-5	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTMPSTMX)	47	*
598-55-0	Methyl carbamate	41	16	756-79-6	Dimethyl methylphosphonate	39	16
599-79-1	Salicylazosulfapyridine	35	16	789-61-7	beta-Thioguanidine deoxyriboside	44	16
599-79-1	Salicylazosulfapyridine	43	16	822-36-6	4-Methylimidazole	35	16
602-87-9	5-Nitroacenaphthene	42	16	822-36-6	4-Methylimidazole	41	16
604-75-1	Oxazepam	42	16	828-00-2	Dimethoxane	39	16
604-75-1	Oxazepam	42	16	834-12-8	Ametryn	47	*
607-91-0	Myristicin	31	12	834-28-6	Phenformin hydrochloride	42	16
@ 607-91-0	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX) (Primary CASRN is TGMXFLAVCLAS)	51	*	842-07-9	C.I. Solvent Yellow 14	38	16
608-93-5	Pentachlorobenzene	35	16	865-21-4	Vinblastine	46	17
609-20-1	2,6-Dichloro-p-phenylenediamine	39	16	868-85-9	Dimethyl hydrogen phosphite	39	16
611-14-3	2-ethyltoluene	48	*	924-42-5	N-Methylolacrylamide	41	16
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	39	16	924-42-5	Transgenic model evaluation (N-Methylolacrylamide)	52	*
614-45-9	tert-Butyl perbenzoate	33	16	924-42-5	Transgenic model evaluation (N-Methylolacrylamide)	52	*
616-91-1	Antioxidant model (TRAMP) - N-acetylcysteine	47	*	930-68-7	2-Cyclohexen-1-one	48	*
619-17-0	4-Nitroanthranilic acid	42	16	952-23-8	Proflavin hydrochloride	43	16
620-14-4	3-ethyltoluene	48	*	959-24-0	QT drugs (sotalol hydrochloride)	50	*
622-51-5	p-Tolylurea	46	17	961-11-5	Tetrachlorvinphos	44	16
622-96-8	4-ethyltoluene	48	*	968-81-0	Acetohexamide	36	16
624-18-0	p-Phenylenediamine dihydrochloride	42	16	982-57-0	Chloramphenicol sodium succinate	48	*
624-83-9	Methyl isocyanate	46	17	989-38-8	Rhodamine 6G	43	16
628-02-4	Hexanamide	46	17	989-51-5	Antioxidant model (TRAMP) - Epigallocatechin gallate	47	*
630-16-0	Halogenated ethanes CS (1,1,1,2-Tetrabromoethane)	34	16	999-81-5	2-Chloroethyltrimethylammonium chloride	37	16
630-20-6	Halogenated ethanes CS (1,1,1,2-Tetrachloroethane)	34	16	1067-33-0	Dibutyltin diacetate	38	16
630-20-6	1,1,1,2-Tetrachloroethane	44	16	1071-83-6	Glyphosate	34	16
631-64-1	Water disinfection byproducts (Dibromoacetic acid)	52	*	1071-83-6	Glyphosate	34	16
631-64-1	Water disinfection byproducts (Dibromoacetic acid)	45	16	@ 1095-90-5	AZT + Methadone HCl (AIDS) (Primary CASRN is AZTMETHCOMB)	47	*
636-21-5	o-Toluidine hydrochloride	44	16	1116-54-7	N-Nitrosodiethanolamine	49	*
636-21-5	o-Toluidine hydrochloride	35	16	@ 1124-64-7	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	49	*
643-22-1	Erythromycin stearate	39	16	1156-19-0	Tolazamide	44	16
643-79-8	ortho-Phthalaldehyde	35	16	1162-65-8	Aflatoxin B1 (TGMX)	30	5
693-13-0	Diisopropylcarbodiimide	34	16				
693-13-0	Diisopropylcarbodiimide	32	16				
693-13-0	Diisopropylcarbodiimide	32	16				

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1163-19-5	Decabromodiphenyl Ether	38	16	@ 1646-88-4	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
1212-29-9	N,N'-Dicyclohexylthiourea	39	16				
1241-94-7	2-Ethylhexyl Diphenyl Phosphate	48	*				
1271-19-8	Titanocene dichloride	44	16	1649-08-7	Halogenated ethanes CS (1,2-Dichloro-1,1-difluoroethane)	34	16
1300-72-7	Sodium xylenesulfonate	35	16	1746-01-6	Toxic equivalency factor evaluation (TCDD)	44	16
1300-72-7	Sodium xylenesulfonate	43	16	1746-01-6	TEF transgenics (TCDD)	50	*
1303-00-0	Gallium arsenide	34	16	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p- dioxin	44	16
1303-00-0	Gallium arsenide	40	16	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p- dioxin	44	16
1306-19-0	Cadmium oxide	33	16				
1306-19-0	Cadmium oxide	33	16	1746-01-6	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	44	16
1309-64-4	Antimony Trioxide	36	16				
1313-27-5	Molybdenum trioxide	35	16	@ 1746-01-6	Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin)	52	*
1313-27-5	Molybdenum trioxide	41	16				
1313-99-1	Nickel (II) oxide	42	16	1746-01-6	Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin)	52	*
1314-62-1	Vanadium pentoxide	35	16				
1314-62-1	Vanadium pentoxide	45	16	1746-01-6	Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin)	52	*
@ 1314-87-0	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	49	*				
1314-87-0	Lead sulfide	49	*	1746-01-6	Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin)	52	*
1314-87-0	Lead sulfide	49	*				
1317-36-8	Lead oxide	49	*	1746-01-6	Transgenic Model Evaluation (2,3,7,8- Tetrachlorodibenzodioxin)	52	*
1317-80-2	Nanoscale material (Rutile titanium dioxide)	49	*				
1319-77-3	Cresols	33	16	1747-60-0	6-Methoxy-2-benzothiazolamine	49	*
1319-77-3	Cresols	38	16	1763-23-1	Perfluorooctane Sulfonate	30	6
1321-74-0	Divinylbenzene	48	*	1777-84-0	3-Nitro-p-acetophenetide	42	16
1321-74-0	Divinylbenzene	39	16	1825-21-4	Pentachloroanisole	42	16
@ 1327-53-3	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16	1836-75-5	Nitrofen	42	16
1328-53-6	C.I. Phthalocyanine green	48	*	1836-75-5	Nitrofen	42	16
@ 1330-20-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16	1896-62-4	Methyl trans-styryl ketone	49	*
1330-20-7	Xylenes (mixed)	45	16	1896-62-4	Methyl trans-styryl ketone	49	*
1330-78-5	Tricresyl Phosphate	52	*	1896-62-4	Methyl trans-styryl ketone	41	16
1330-78-5	Tricresyl Phosphate	52	*	1897-45-6	Chlorothalonil	38	16
1330-78-5	Tricresyl Phosphate	44	16	@ 1912-24-9	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
@ 1333-82-0	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16	@ 1912-24-9	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
1338-23-4	Methyl ethyl ketone peroxide	35	16	1918-02-1	Picloram	43	16
1415-73-2	Aloin	30	6	1936-15-8	C.I. Acid Orange 10	38	16
1420-04-8	Clonitralid	38	16	1937-37-7	C.I. Direct Black 38	33	16
1455-77-2	Guanazole	46	17	1948-33-0	t-Butylhydroquinone	37	16
1465-25-4	N-(1-Naphthyl)ethylenediamine dihydrochloride	42	16	1955-45-9	Pivalolactone	43	16
1582-09-8	Trifluralin	44	16	1972-08-3	1-trans-delta-9- Tetrahydrocannabinol	35	16
1596-84-5	Daminozide	38	16	1972-08-3	1-trans-delta-9- Tetrahydrocannabinol	44	16
1617-90-9	Vincamine	52	*	1982-37-2	Methdilazine	49	*
1629-58-9	Ethyl vinyl ketone	48	*	2058-46-0	Oxytetracycline hydrochloride	42	16
1634-78-2	Malaoxon	41	16	2164-17-2	Fluometuron	40	16
@ 1646-87-3	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16	2185-92-4	2-Biphenylamine hydrochloride	37	16
				2243-62-1	1,5-Naphthalenediamine	41	16

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2385-85-5	Mirex	41	16
2425-85-6	C.I. Pigment Red 3	38	16
2426-08-6	n-Butyl Glycidyl Ether	48	*
2429-74-5	C.I. Direct Blue 15	38	16
2432-99-7	11-Aminoundecanoic acid	36	16
2438-88-2	2,3,5,6-Tetrachloro-4-nitroanisole	44	16
2475-45-8	C.I. Disperse Blue 1	38	16
2489-77-2	Trimethylthiourea	44	16
2602-46-2	C.I. Direct Blue 6	33	16
2602-46-2	C.I. Direct Blue 6	48	*
2608-48-2	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	49	*
2608-48-2	5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)	49	*
2698-41-1	o-Chlorobenzalmalononitrile (CS)	37	16
2757-90-6	Agaritine	45	17
2783-94-0	FD & C Yellow No. 6	40	16
2784-94-3	HC Blue 1	40	16
2832-40-8	C.I. Disperse Yellow 3	38	16
2835-39-4	Allyl isovalerate	36	16
2835-95-2	5-Amino-o-cresol	33	16
2871-01-4	HC Red 3	40	16
3165-93-3	4-Chloro-o-toluidine hydrochloride	38	16
3252-43-5	Water disinfection byproducts (Dibromoacetonitrile)	45	16
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	47	*
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	33	16
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	37	16
3296-90-0	Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	40	16
3296-90-0	Fish project 1 (2,2-bis(Bromomethyl)-1,3-propanediol)	40	16
3380-34-5	Triclosan	52	*
3416-24-8	Glucosamine	49	*
3458-22-8	IPD (3,3'-iminobis-1-propanol dimethanesulfonate (ester) hydrochloride)	40	16
3524-68-3	Pentaerythritol triacrylate	32	16
3524-68-3	Pentaerythritol triacrylate	32	16
3546-10-9	Phenesterin	42	16
3567-69-9	C.I. Acid Red 14	38	16
3622-84-2	N-Butylbenzenesulfonamide	30	5
3622-84-2	N-Butylbenzenesulfonamide	30	3
3778-73-2	Isophosphamide	41	16
3871-99-6	Perfluorohexane sulfonate potassium salt (PFHSSklt)	30	5
4170-30-3	Crotonaldehyde	48	*
4320-30-3	L-Arginine Glutamate	45	17
4342-03-4	Dacarbazine	45	17
4465-94-5	Cytoxal alcohol	45	17
5131-60-2	4-Chloro-m-phenylenediamine	38	16
5160-02-1	D&C Red No. 9	38	16

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5307-14-2	2-Nitro-p-phenylenediamine	42	16
5392-40-5	Citral	38	16
5392-40-5	Citral	48	*
5392-40-5	Citral	48	*
5407-04-5	Dimethylaminopropyl chloride, hydrochloride	48	*
5407-04-5	Dimethylaminopropyl chloride, hydrochloride	34	16
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	50	*
5436-43-1	2,2',4,4'-Tetrabromodiphenyl Ether	50	*
5522-43-0	1-Nitropyrene	35	16
5589-96-8	Water disinfection byproducts (Bromochloroacetic acid)	45	16
5634-39-9	Iodinated glycerol	41	16
5694-00-8	Glycidamide	40	16
@ 5743-04-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16
5989-27-5	D-Limonene	41	16
@ 6018-89-9	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH20)	33	16
6055-19-2	Transgenic model evaluation (Cyclophosphamide monohydrate)	51	*
6055-19-2	Transgenic model evaluation (Cyclophosphamide monohydrate)	51	*
6055-52-3	1,6-Hexanediamine dihydrochloride	34	16
6055-52-3	1,6-Hexanediamine dihydrochloride	34	16
6109-97-3	3-Amino-9-ethylcarbazole HCl	36	16
6317-18-6	Methylene bis(thiocyanate)	35	16
6358-85-6	Diarylanilide yellow	38	16
6369-59-1	2,5-Toluenediamine sulfate	44	16
6373-74-6	C.I. Acid Orange 3	38	16
6459-94-5	C.I. Acid Red 114	38	16
6471-49-4	C.I. Pigment Red 23	38	16
@ 6484-52-2	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
@ 6484-52-2	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
6533-68-2	Scopolamine hydrobromide trihydrate	35	16
6533-68-2	Scopolamine hydrobromide trihydrate	50	*
6533-68-2	Scopolamine hydrobromide trihydrate	43	16
6959-47-3	2-Chloromethylpyridine hydrochloride	38	16
6959-48-4	3-Chloromethylpyridine hydrochloride	38	16
7008-42-6	Acronycine	36	16
7166-19-0	beta-Bromo-beta-nitrostyrene	33	16
7177-48-2	Ampicillin trihydrate	36	16
7220-79-3	Methylene blue trihydrate	49	*

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7220-79-3	Methylene blue trihydrate	41	16	7803-51-2	Phosphine	50	*
7336-20-1	4,4'-Diamino-2,2'-stilbenedisulfonic acid, disodium salt	38	16	8000-27-9	Cedarwood oil	31	14
@ 7439-92-1	Lead contaminated soil (Primary CASRN is PBCONTAMSOIL)	49	*	8001-23-8	Safflower oil	43	16
7440-47-3	Chromium	45	17	8001-26-1	Prevention 1 (Flaxseed oil)	50	*
7440-48-4	Cobalt	38	16	@ 8001-26-1	Prevention 1 (Flaxseed oil + melatonin) (Primary CASRN is FLAXSEED+MEL)	50	*
7446-34-6	Selenium sulfide	43	16	8001-30-7	Corn oil	38	16
7446-34-6	Selenium sulfide	43	16	8001-35-2	Toxaphene	44	16
@ 7481-89-2	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine (Primary CASRN is AZTDDCCOMB)	47	*	8001-79-4	Castor oil	33	16
7481-89-2	2',3'-Dideoxycytidine	48	*	8001-97-6	Aloe vera gel	36	16
7481-89-2	2',3'-Dideoxycytidine	48	*	8003-03-0	Aspirin, phenacetin, and caffeine	36	16
7481-89-2	2',3'-Dideoxycytidine	48	*	8003-22-3	D&C Yellow No. 11	33	16
@ 7481-89-2	Interferon AD + ddC (AIDS Initiative) (Primary CASRN is INTDDCCOMB)	49	*	8003-22-3	D&C Yellow No. 11	38	16
@ 7487-94-7	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16	8008-20-6	Navy fuels JP-5	42	16
7487-94-7	Mercuric chloride	41	16	8013-11-4	Senna (powdered)	35	16
7562-61-0	(+)-Usnic Acid	30	6	8013-11-4	Senna (powdered)	35	16
7632-00-0	Sodium nitrite	35	16	8016-94-2	Brominated Vegetable Oil	33	16
7632-00-0	Sodium nitrite	43	16	8024-37-1	Turmeric, oleoresin (curcumin)	45	16
7681-49-4	Sodium Fluoride	43	16	9000-01-5	Gum Arabic	40	16
7681-49-4	Sodium Fluoride	46	17	9000-30-0	Guar gum	40	16
@ 7681-52-9	Chloraminated water (Primary CASRN is CHLORAMINEMX)	37	16	9000-38-8	Kava kava extract	41	16
@ 7681-52-9	Chlorinated water (Primary CASRN is CHLORWATERMX)	37	16	9000-40-2	Locust bean gum	41	16
7758-99-8	Cupric sulfate	33	16	9002-18-0	Agar	36	16
7758-99-8	Cupric sulfate	33	16	9002-89-5	Polyvinyl alcohol	43	16
7772-99-8	Stannous chloride	43	16	9005-65-6	Polysorbate 80 (glycol)	43	16
7775-09-9	Water disinfection byproducts (Sodium chlorate)	45	16	@ 9007-28-7	Glucosamine Hydrochloride + Chondroitin Sulfate (Primary CASRN is GLUCOSCHONDN)	49	*
@ 7782-50-5	Chlorinated water (Primary CASRN is CHLORWATERMX)	37	16	9009-54-5	Polyurethane	46	17
7784-42-1	Arsine	47	*	9012-76-4	Chitosan	31	12
@ 7784-46-5	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*	10026-24-1	Cobalt sulfate heptahydrate		16
@ 7784-46-5	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*	10026-24-1	Cobalt sulfate heptahydrate	38	16
@ 7786-81-4	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16	10028-15-6	Ozone	42	16
7789-12-0	Sodium dichromate dihydrate (VI)	43	16	10028-15-6	Ozone	42	16
7789-12-0	Sodium dichromate dihydrate (VI)	35	16	@ 10028-15-6	Ozone/NNK (Primary CASRN is OZONNNKCOMB)	42	16
7789-38-0	Water disinfection model (Sodium bromate)	32	16	10034-96-5	Manganese sulfate monohydrate	34	16
7789-38-0	Water disinfection model (Sodium bromate)	32	16	10034-96-5	Manganese sulfate monohydrate	41	16
				10043-35-3	Boric acid	37	16
				@ 10060-12-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
				10101-97-0	Nickel sulfate hexahydrate	42	16
				10102-18-8	Sodium selenite	35	16
				@ 10108-64-2	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16
				10213-10-2	Sodium Tungstate Dihydrate	31	10
				10318-26-0	Dibromodulcitol	45	17
				10326-27-9	Barium chloride dihydrate	33	16
				10326-27-9	Barium chloride dihydrate	37	16

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@ 10599-90-3	Chloraminated water (Primary CASRN is CHLORAMINEMX)	37	16	15481-70-6	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	51	*
@ 11084-85-8	Chlorinated trisodium phosphate (Primary CASRN is 56802-99-4)	37	16	15625-89-5	Trimethylolpropane triacrylate	32	16
@ 11096-82-5	Chemical mixture - drinking water contaminants (Primary CASRN is CHEMMIXH2O)	33	16	15625-89-5	Trimethylolpropane triacrylate	44	16
11097-69-1	Aroclor 1254	36	16	15805-73-9	Transgenic LEP (Vinyl carbamate)	51	*
12001-28-4	Asbestos, crocidolite	36	16	@ 15972-60-8	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
12001-29-5	Asbestos, chrysotile(IR)	36	16	16071-86-6	C.I. Direct Brown 95	33	16
12001-29-5	Asbestos, chrysotile(IR)	36	16	@ 16561-29-8	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*
12001-29-5	Asbestos, chrysotile(IR) + Dimethyl hydrazine	36	16	@ 16561-29-8	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*
12001-29-5	Asbestos, chrysotile(IR) + Dimethyl hydrazine	36	16	@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
12001-29-5	Asbestos, chrysotile(SR)	36	16	@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
12001-29-5	Asbestos, chrysotile(SR)	36	16	@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
12024-21-4	Gallium oxide	49	*	@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
12035-72-2	Nickel subsulfide	42	16	@ 16561-29-8	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) (Primary CASRN is INIT/PROM)	40	16
12172-73-5	Asbestos, amosite	36	16	16561-29-8	Tetradecanoyl phorbol acetate (TPA)	51	*
12172-73-5	Asbestos, amosite	36	16	16561-29-8	Transgenic LECM (Tetradecanoyl phorbol acetate (TPA))	51	*
12172-73-5	Asbestos, amosite + Dimethyl hydrazine	36	16	17026-81-2	3-Amino-4-ethoxyacetanilide	36	16
13010-47-4	Lomustine	46	17	17924-92-4	Zearalenone	45	16
13171-21-6	Phosphamidon	42	16	18107-18-1	Trimethylsilyldiazomethane (TMSD)	30	5
@ 13292-46-1	AZT + Rifampin (AIDS Initiative) (Primary CASRN is AZTRIFAMPIN)	33	16	18662-53-8	Nitrilotriacetic acid trisodium monohydrate	42	16
13311-84-7	Flutamide	48	*	18662-53-8	Nitrilotriacetic acid trisodium monohydrate	42	16
13366-73-9	Photodieldrin	43	16	18883-66-4	Streptozotocin	46	17
13410-01-0	Sodium selenate	35	16	19010-66-3	Lead dimethyldithiocarbamate	41	16
13463-67-7	Titanium dioxide	44	16	20265-96-7	p-Chloroaniline hydrochloride	37	16
13552-44-8	4,4'-Methylenedianiline dihydrochloride	41	16	20265-97-8	p-Anisidine hydrochloride	36	16
13718-26-8	Sodium Metavanadate	31	8	20265-97-8	Transgenic LEP (p-Anisidine hydrochloride)	51	*
13765-19-0	Calcium chromate	45	17	20265-97-8	Transgenic model evaluation (p-Anisidine HCl)	51	*
13909-09-6	Methyl CCNU	46	17	20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	39	16
13983-17-0	Wollastonite calcium silicates	46	17	20830-81-3	Daunomycin	45	17
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	50	*	20941-65-5	Ethyl tellurac	40	16
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	35	16	@ 21087-64-9	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	35	16	21232-47-3	3,3',4,4'-Tetrachloroazoxybenzene	35	16
14047-09-7	3,3',4,4'-Tetrachloroazobenzene	44	16	@ 21416-67-1	ICRF-159 (Primary CASRN is 21416-87-5)	40	16
14371-10-9	trans-Cinnamaldehyde	38	16	21416-87-5	ICRF-159	40	16
14371-10-9	trans-Cinnamaldehyde	48	*	@ 21725-46-2	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
14567-73-8	Tremolite	44	16	21739-91-3	Cytembena	38	16
14807-96-6	Talc	43	16				
14808-60-7	Silica, crystalline - quartz	50	*				
14808-60-7	Silica, crystalline - quartz	50	*				
14808-60-7	Silica, crystalline - quartz	50	*				
15356-70-4	DL-menthol	41	16				
15481-70-6	2,6-Toluenediamine dihydrochloride (2,6-diaminotoluene dihydrochloride)	44	16				
15481-70-6	Transgenic model evaluation (2,6-Diaminotoluene 2HCl)	51	*				

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21850-44-2	Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)	31	12	@ 30516-87-1	AZT + Nitazoxanide (AIDS Initiative) (Primary CASRN is AZT+NITAZOX)	47	*
22398-80-7	Indium phosphide	40	16	@ 30516-87-1	AZT + Pyrazinamide combination (AIDS Initiative) (Primary CASRN is AZTZINAMIDE)	33	16
22839-47-0	Transgenic model evaluation II (Aspartame)	32	16	@ 30516-87-1	AZT + Rifampin (AIDS Initiative) (Primary CASRN is AZTRIFAMPIN)	33	16
22839-47-0	Transgenic model evaluation II (Aspartame)	32	16	@ 30516-87-1	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTMPSMX)	47	*
22966-79-6	Estradiol mustard	39	16	@ 30516-87-1	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTMPSMX)	47	*
23246-96-0	Riddelliine	35	16	@ 30516-87-1	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTMPSMX)	47	*
23246-96-0	Riddelliine	43	16	@ 30516-87-1	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTMPSMX)	47	*
24072-75-1	5,6-Dichloro-2-benzothiazolamine	48	*	@ 30516-87-1	AZT transplacental carcinogenesis study	37	16
24382-04-5	Malonaldehyde, sodium salt	41	16	@ 30516-87-1	Interferon AD + 3'-azido-3'- deoxythymidine (AIDS Initiative) (Primary CASRN is INTAZTCOMB)	41	16
25013-15-4	Vinyl toluene	45	16	30516-87-1	Toxic equivalency factor evaluation (PCB 118)	43	16
25152-84-5	2,4-Decadienal	48	*	@ 30516-87-1	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/ PCB 118) (Primary CASRN is TEFPCBMIX)	44	16
25152-84-5	2,4-Decadienal	33	16	32534-81-9	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	42	16
25265-71-8	Dipropylene glycol	34	16	32534-81-9	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	49	*
25265-71-8	Dipropylene glycol	39	16	32534-81-9	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]	50	*
25637-99-4	1,3,5,7,9,11- Hexabromocyclododecane	30	5	33229-34-4	HC Blue 2	40	16
25812-30-0	Peroxisome project (Gemfibrozil)	50	*	33286-22-5	QT drugs (diltiazem hydrochloride)	50	*
26471-62-5	2,4- & 2,6-Toluene diisocyanate	44	16	33857-26-0	2,7-Dichlorodibenzo-p-dioxin	39	16
26628-22-8	Sodium azide	43	16	34256-82-1	Acetochlor	47	*
26780-96-1	1,2-Dihydro-2,2,4- trimethylquinoline (polymer)	48	*	@ 35065-27-1	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153) (Primary CASRN is TEFBINARYMIX)	43	16
27774-13-6	Vanadyl sulfate	31	8	35065-27-1	Toxic equivalency factor evaluation (PCB 153- 2,2'- 4,4',5,5'-hexachlorobiphenyl)	44	16
27882-76-4	Chromium picolinate monohydrate	38	16	35691-65-7	1,2-Dibromo-2,4-dicyanobutane	48	*
28300-74-5	Antimony potassium tartrate	16		35691-65-7	1,2-Dibromo-2,4-dicyanobutane	48	*
28407-37-6	C.I. Direct Blue 218	33	16	35691-65-7	1,2-Dibromo-2,4-dicyanobutane	33	16
28407-37-6	C.I. Direct Blue 218	38	16	35691-65-7	1,2-Dibromo-2,4-dicyanobutane	38	16
29761-21-5	Isodecyl Diphenyl Phosphate	49	*	37319-17-8	Elmiron (sodium pentosanpolysulfate)	39	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	37319-17-8	Elmiron (sodium pentosanpolysulfate)	34	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	37853-59-1	1,2-Bis(2,4,6- tribromophenoxy)ethane	30	5
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	39156-41-7	2,4-Diaminoanisole sulfate	38	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	39300-88-4	Tara gum	43	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	41372-08-1	Methyldopa sesquihydrate	41	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	50471-44-8	Vinclozolin	52	*
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	50647-08-0	Ginseng	40	16
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	50679-08-8	QT drugs (terfenadine)	50	*
30516-87-1	3'-Azido-3'-deoxythymidine (AIDS)	36	16	50892-23-4	Peroxisome project (WY-14643)	35	16
@ 30516-87-1	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine (Primary CASRN is AZTDDCCOMB)	47	*	50892-23-4	Transgenic model evaluation (WY-14643)	52	*
@ 30516-87-1	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative) (Primary CASRN is AZTDDICOMB)	47	*				
@ 30516-87-1	AZT+3TC+NVP combination (Primary CASRN is AZT3TCCOMBO)	37	16				
@ 30516-87-1	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	31	8				
@ 30516-87-1	AZT + Isoniazid (AIDS Initiative) (Primary CASRN is AZTISONIAZID)	33	16				
@ 30516-87-1	AZT + Methadone HCl (AIDS) (Primary CASRN is AZTMETHCOMB)	47	*				

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50892-23-4	Transgenic model evaluation (WY-14643)	52	*	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	40	16
50892-23-4	Wyeth 14,643 (WY)	52	*	59820-43-8	HC Yellow 4	40	16
@ 51218-45-2	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16	59865-13-3	Transgenic LEP (Cyclosporin A)	51	*
51264-14-3	Amsacrine	45	17	59865-13-3	Transgenic model evaluation (Cyclosporin A)	51	*
51936-55-1	Hexachlorocyclopentadienyl- dibromocyclooctane	30	5	61702-44-1	2-Chloro-p-phenylenediamine sulfate	38	16
54150-69-5	2,4-Dimethoxyaniline hydrochloride	39	16	@ 63449-39-8	Chlorinated paraffins: C12, 60% chlorine (Primary CASRN is 108171-26-2)	37	16
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)	34	16	@ 63449-39-8	Chlorinated paraffins: C23, 43% chlorine (Primary CASRN is 108171-27-3)	37	16
55566-30-8	Tetrakis(hydroxymethyl)phosphonium sulfate	44	16	@ 64091-91-4	Ozone/NNK (Primary CASRN is OZONNNKCOMB)	42	16
55589-62-3	Transgenic Model Evaluation II (Acesulfame Potassium)	32	16	64742-88-7	Stoddard solvent (type LIC)	43	16
@ 55981-09-4	AZT + Nitazoxanide (AIDS Initiative) (Primary CASRN is AZT+NITAZOX)	47	*	@ 65039-09-0	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	49	*
56802-99-4	Chlorinated trisodium phosphate	37	16	65646-68-6	Retinoid project 2 (4-(Hydroxyphenyl)retinamide)	50	*
56803-37-3	tert-Butylphenyl Diphenyl Phosphate	48	*	@ 65646-68-6	Retinoid project 1 (Primary CASRN is RETINOID1)	50	*
57018-52-7	Propylene glycol mono-t-butyl ether	43	16	65646-68-6	Retinoid project 4 (4-(Hydroxyphenyl)retinamide)	50	*
57117-31-4	Toxic equivalency factor evaluation (PECDF (Pentachlorodibenzofuran))	43	16	65646-68-6	Retinoid project 5 (4-(Hydroxyphenyl)retinamide)	50	*
@ 57117-31-4	TEF transgenics (PCB 126 / PECDF mixture) (Primary CASRN is TEFTGMIXTURE)	50	*	65646-68-6	Retinoid project 6 (4-HPR)	50	*
57117-31-4	TEF transgenics (PECDF)	50	*	65666-07-1	Prevention 2 (Silymarin)	50	*
@ 57117-31-4	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	44	16	@ 65666-07-1	Prevention 2 (Silymarin + melatonin) (Primary CASRN is SILYMARN+MEL)	50	*
57465-28-8	3,3,4,4,5-Pentachlorobiphenyl (PCB 126)	50	*	67774-32-7	Polybrominated biphenyl mixture (Firemaster FF-1)	43	16
@ 57465-28-8	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153) (Primary CASRN is TEFBINARYMIX)	43	16	67774-32-7	Polybrominated biphenyl mixture (Firemaster FF-1)	43	16
@ 57465-28-8	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/ PCB 118) (Primary CASRN is TEFPCEBMIX)	44	16	68359-37-5	Cyfluthrin	48	*
57465-28-8	TEF transgenics (PCB 126)	50	*	68603-42-9	Coconut oil acid diethanolamine condensate	38	16
@ 57465-28-8	TEF transgenics (PCB 126 / PECDF mixture) (Primary CASRN is TEFTGMIXTURE)	50	*	68603-42-9	Transgenic LECM (Coconut oil acid diethanolamine condensate)	51	*
@ 57465-28-8	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/ PCB 118) (Primary CASRN is TEFPCEBMIX)	44	16	68603-42-9	Transgenic LECM (Coconut oil acid diethanolamine condensate)	51	*
57465-28-8	TEF transgenics (PCB 126)	50	*	68937-41-7	Isopropylated Phenol Phosphate	30	5
@ 57465-28-8	TEF transgenics (PCB 126 / PECDF mixture) (Primary CASRN is TEFTGMIXTURE)	50	*	68937-41-7	Isopropylated Phenol Phosphate	49	*
@ 57465-28-8	Toxic equivalency factor evaluation (Dioxin mixture) (Primary CASRN is TEFDIOXINMIX)	44	16	@ 69655-05-6	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative) (Primary CASRN is AZTDDICOMB)	47	*
57465-28-8	Toxic equivalency factor evaluation ((PCB 126) 3,3',4,4',5-pentachlorobiphenyl)	44	16	71133-14-7	Water disinfection byproducts (Bromodichloroacetic Acid)	52	*
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	40	16	71133-14-7	Water disinfection byproducts (Bromodichloroacetic Acid)	45	16
				74764-40-2	QT drugs (bepiridil hydrochloride)	50	*
				75330-75-5	QT drugs (Lovastatin)	50	*
				76231-76-0	alpha/beta Thujone mixture	35	16
				76231-76-0	alpha/beta Thujone mixture	44	16
				76543-88-9	Interferon A (AIDS Initiative)	41	16

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77439-76-0	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone(MX)	48	*	173584-44-6	Indoxacarb	49	*
79794-75-5	QT drugs (Loratadine)	50	*	299184-76-2	Dong quai (Angelica sinensis root extract)	30	2
@ 79917-90-1	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	49	*	@ 479500-35-1	Ionic liquid Toxicity (Primary CASRN is IONICLIQUIDS)	49	*
84604-20-6	Milk thistle extract	41	16	@ 103-90-2	Rat feed study (TGMX rat liver evaluation)	50	*
84776-26-1	Black Cohosh	47	*		(Primary CASRN is TGMXRALVFEEED)		
84776-26-1	Black Cohosh	47	*	@ 103426-96-6	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	31	14
84776-26-1	Black Cohosh	47	*	@ 103426-97-7	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	31	14
85509-19-9	Flusilazole	48	*	@ 1162-65-8	Rat feed study (TGMX rat liver evaluation)	50	*
90045-23-1	Garcinia Cambogia Extract	30	5		(Primary CASRN is TGMXRALVFEEED)		
90045-36-6	Ginkgo biloba extract	40	16	@ 1746-01-6	PCN 66/67 comparison study (Primary CASRN is PCNCOMPARISN)	31	14
90045-36-6	Ginkgo biloba extract	30	5	@ 50-81-7	Rat feed study (TGMX rat liver evaluation)	50	*
96180-79-9	Microcystin-LA (TGMX)	49	*		(Primary CASRN is TGMXRALVFEEED)		
@ 96180-79-9	Microcystin mixture (TGMX) (Primary CASRN is MICROCYSTNMX)	49	*	@ 69-72-7	alpha/beta Hydroxy acids (glycolic acid, salicylic acid) (Primary CASRN is HYDROXGLYSAL)	36	16
99685-96-8	Nanoscale Material (Fullerene C60 18 microns)	30	3	@ 73-22-3	Rat feed study (TGMX rat liver evaluation)	50	*
99685-96-8	Nanoscale material (Fullerene-C60 1 micron)	31	12		(Primary CASRN is TGMXRALVFEEED)		
99685-96-8	Nanoscale Material (Fullerene C60 200 nanometers)	30	3	@ 79-14-1	alpha/beta Hydroxy acids (glycolic acid, salicylic acid) (Primary CASRN is HYDROXGLYSAL)	36	16
99685-96-8	Nanoscale material (Fullerene-C60 50 nanometers)	31	12	@ 81-49-2	Rat feed study (TGMX rat liver evaluation)	50	*
101043-37-2	Microcystin-LR (TGMX)	49	*		(Primary CASRN is TGMXRALVFEEED)		
@ 101043-37-2	Microcystin mixture (TGMX) (Primary CASRN is MICROCYSTNMX)	49	*	AAV2HAQP1	Serotype 2 Adeno-associated Viral Vector hAQp1 (rAAV2hAQp1)	30	6
108171-26-2	Chlorinated paraffins: C12, 60% chlorine	37	16	AAVIRAIVHEPO	Serotype 2 Adeno-associated Viral Vector rAAV2rapahEpo	31	14
108171-27-3	Chlorinated paraffins: C23, 43% chlorine	37	16	AAVIRVECEPO	Adeno-associated viral vector (hEPO)	47	*
113136-77-9	Cyclanilide	48	*	ADNVIRVECAQP	Adenoviral Vector (AdhAQp1)	47	*
116355-83-0	Fumonisin B1		16	ADNVIRVECHGH	Adenoviral vector (hGH)	47	*
116355-83-0	Fumonisin B1	40	16	AIDSDRUGSNEO	AZT/Drug Combinations Transplacental/Neonatal Study	31	8
119168-77-3	Tebufenpyrad	50	*	AIDSTHERAPEU	AZT/Drug Combinations Transplacental Carcinogenesis Study	37	16
121552-61-2	Cyprodinil	48	*	ALOEPHOTOTOX	Aloe phototoxicity studies	36	16
125533-88-2	Retinoid project 6 (Arotinoid)	50	*	ALOEVFILTER	Aloe vera charcoal filtered whole leaf extract	36	16
125533-88-2	Retinoid project 3 (Arotinoid)	50	*	ALOEVLEAFEXT	Aloe vera whole leaf extract (native)	36	16
125533-88-2	Retinoid project 5 (Arotinoid)	50	*	ALOEVLEAFEXT	Aloe vera whole leaf extract (native)	36	16
@ 129618-40-2	AZT+3TC+NVP combination (Primary CASRN is AZT3TCCOMBO)	37	16	ALTERNARIA	Alternaria alternata mold	30	3
@ 129618-40-2	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	31	8	AMINOPYRCOMP	Comparison study of Aminopyridines/Troponin levels	47	*
@ 134678-17-4	AZT+3TC+NVP combination (Primary CASRN is AZT3TCCOMBO)	37	16				
@ 134678-17-4	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	31	8				
@ 154598-52-4	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	31	8				
@ 159989-65-8	AZT/Drug Combinations Transplacental/Neonatal Study (Primary CASRN is AIDSDRUGSNEO)	31	8				

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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
ANTIOXCOMBO2	Arsenic antioxidant mixture	47	*	@ EFSSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8
ANTIOXCOMBO2	Arsenic antioxidant mixture	47	*				
@ ANTIQXMODEL	Antioxidant model (TRAMP) - Epigallocatechin gallate (Primary CASRN is 989-51-5)	47	*	@ EFSSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4
ASPERGILLUSV	Aspergillus versicolor mold	30	6	ELECTROMAG	Magnetic fields (EMF)	41	16
AZT+NITAZOX	AZT + Nitazoxanide (AIDS Initiative)	47	*	ELECTROMAG	Magnetic fields (EMF)	49	*
AZT3TCCOMBO	AZT+3TC+NVP combination	37	16	ELECTROMAG	Magnetic fields (EMF)	34	16
AZTDDCCOMB	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine	47	*	@ ELECTROMAG	Magnetic fields + DMBA initiation promotion (Primary CASRN is EMF+DMBA)	34	16
AZTDDICOMB	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)	47	*	EMF+DMBA	Magnetic fields + DMBA initiation promotion	34	16
AZTISONIAZID	AZT + Isoniazid (AIDS Initiative)	33	16	@ EMTDP-33	Diesel fuel marine (Primary CASRN is DIESELFUEL)	39	16
AZTMETHCOMB	AZT + Methadone HCl (AIDS)	47	*	@ EMTDP-71	Chlorinated paraffins: C23, 43% chlorine (Primary CASRN is 108171-27-3)	37	16
AZTRIFAMPIN	AZT + Rifampin (AIDS Initiative)	33	16				
AZTTMPSMX	AZT + TMP/SMX (mixture) combination	47	*	EMTDP-74	Selsun	43	16
AZTTMPSMX	AZT + TMP/SMX (mixture) combination	47	*	EMTDP-75	Black newsprint ink	33	16
AZTZINAMIDE	AZT + Pyrazinamide combination (AIDS Initiative)	33	16	EMTDP-76	3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	49	*
BLASTINGSAND	Abrasive Blasting Agents: Blasting Sand	31	14	EMTDP-76	3-Methyl-6-methoxy-2-amino- benzothiazolium chloride	49	*
CARDIOGENEVL	Cardio Transmitter Gene Evaluation	48	*	@ EMTDP-86	3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine (Primary CASRN is AZTDDCCOMB)	47	*
CELLPRADCDMA	Cell Phone Radiation: CDMA	31	13	@ EMTDP-92	Pesticide/fertilizer contamination--mixture 2 (Primary CASRN is PESTFERTMIX2)	35	16
CELLPRADGSM	Cell Phone Radiation: GSM	31	13				
CELLULOSEINS	Cellulose insulation	33	16				
CHEMMIXH2O	Chemical mixture - drinking water contaminants	33	16	@ EMTDP-93	Pesticide/fertilizer contamination--mixture 3 (Primary CASRN is PESTFERTMIX3)	35	16
CHLORAMINEMX	Chloraminated water	37	16	@ EMTDP-99	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	35	16
CHLORWATERMX	Chlorinated water	37	16	@ EMTDP-99	Urethane + ethanol (combination) (Primary CASRN is URETHCOMB)	45	16
CIMSTAR3800	Metal Working Fluids: CIMSTAR 3800	41	16				
COALSLAG	Abrasive blasting agents (coal slag)	47	*	EPHEDCOMBO	Ephedrine + caffeine combination	48	*
CRUMBRUBBERVARIOUS	Crumb rubber various	30	5	EPHEDCOMBO	Ephedrine + caffeine combination	48	*
CRUSHEDGLASS	Abrasive blasting agents (crushed glass)	47	*	FEEDRESTRICT	Feed restriction studies	40	16
DAMPBLDGMOLD	Damp Building Mold Mixture	30	3	FLAXSEED+MEL	Prevention 1 (Flaxseed oil + melatonin)	50	*
DIESELFUEL	Diesel fuel marine	39	16	GARNET	Abrasive blasting agents (garnet)	47	*
DIET2000	NTP-2000 diet	49	*	GLUCOSCHONDN	Glucosamine Hydrochloride + Chondroitin Sulfate	49	*
DIET88+EGMBE	NTP-88 diet study (EGMBE)	49	*	GLYCINEBENZA	Benzyl acetate + glycine combination study	47	*
DIET88+EGMEE	NTP-88 diet study (EGMEE)	49	*	GOLDENSEALRT	Goldenseal root powder	34	16
DIET88+EGMME	NTP-88 diet study (EGMME)	49	*	GOLDENSEALRT	Goldenseal root powder	40	16
DIET88+MNITR	NTP-88 diet study (m-Nitrotoluene)	49	*	GREENTEAEXTR	Green Tea Extract	30	5
DIET88+ONITR	NTP-88 diet study (o-Nitrotoluene)	49	*	GREENTEAEXTR	Green Tea Extract	40	16
DIET88+PNITR	NTP-88 diet study (p-Nitrotoluene)	49	*	GUMGUGGULEXT	Gum Guggul Extract	49	*
DIET90	NTP 90 diet study	46	17	H2ODAMAGEMLD	Water Damaged Building Mold Mixture	30	3
DIET9192	NTP 91/92 diet study	46	17	HEMATITESPEC	Abrasive Blasting Agents: Specular Hematite	31	14
DIETEVAL	Diet Evaluation Study	48	*	HYDROXGLYSAL	alpha/beta Hydroxy acids (glycolic acid, salicylic acid)	36	16
DIETH/DIMETH	Diethyl phthalate/dimethyl phthalate	39	16				
ECOLI_LPS	Lipopolysaccharides from Escherichia coli	49	*				

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CASRN	CHEMICAL NAME	PAGE	REF	CASRN	CHEMICAL NAME	PAGE	REF
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	40	16	@ NAOSPINEXTR	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	40	16	@ NAOSPINEXTR	Arsenic antioxidant mixture (Primary CASRN is ANTIOXCOMBO2)	47	*
INIT/PROM	Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	40	16	NAOSPINEXTR	Antioxidant model (TRAMP) - NAO (spinach extract)	47	*
INSERTMUT	Insertional mutagenesis (LTR/SIN vectors)	49	*	NCTSTANDARD	NCT/DERT standardization experiment (APAP & AMAP)	49	*
INSERTMUT2	Insertional mutagenesis II (SIN vector)	49	*	@ NTPMOCKVEC	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8
INSERTMUT3	Insertional Mutagenesis - Definitive Vector Study	31	8	@ NTPMOCKVEC	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4
INSERTMUT3	Insertional Mutagenesis - Definitive Vector Study	30	4	OZONNNKCOMB	Ozone/NNK	42	16
INSERTMUTRAD	Insertional mutagenesis (Radiation Levels)	49	*	PBCONTAMSOIL	Lead contaminated soil	49	*
INTAZTCOMB	Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative)	41	16	PCNCOMPARISN	PCN 66/67 comparison study	31	14
INTDDCCOMB	Interferon AD + ddC (AIDS Initiative)	49	*	PESTFERTMIX2	Pesticide/fertilizer contamination--mixture 2	35	16
INTERFERONAD	Interferon AD (AIDS Initiative)	41	16	PESTFERTMIX3	Pesticide/fertilizer contamination--mixture 3	35	16
@ INTERFERONAD	Interferon AD + 3'-azido-3'-deoxythymidine (AIDS Initiative) (Primary CASRN is INTAZTCOMB)	41	16	PREGRATECOMP	Pregnancy Rate Comparison Study	50	*
@ INTERFERONAD	Interferon AD + ddC (AIDS Initiative) (Primary CASRN is INTDDCCOMB)	49	*	PREVENTION10	Prevention 10 (Soy isoflavone concentrate)	50	*
IONICLIQUIDS	Ionic liquid Toxicity	49	*	PREVENTION7	Prevention 7 (feed controls)	50	*
ISOFLAVCONCN	Prevention 6 (isoflavone concentrate)	50	*	@ PSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8
ISOFLAVSOYPT	Prevention 6 (low isoflavone soy protein powder)	50	*	@ PSINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4
LA2007	Libby Amphibole 2007	30	4	QUANTUMDOTS	Nanoscale material (Quantum dots)	49	*
LEADORES	Lead ores	49	*	RAV5SCTLA4IG	Serotype 5 Adeno-associated Viral Vector (rAAV5SCTLA4:Ig)	31	14
L-MWNT-1020	1020 Long Multiwalled Carbon Nanotube	31	13	RETINOID1	Retinoid project 1	50	*
@ LTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8	RETROVIRVECT	Retroviral vectors	50	*
@ LTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4	RETROVIRVECT	Retroviral vectors	50	*
MEL+CURCUMIN	Prevention 4 (Melatonin + curcumin)	50	*	RETROVIRVECT	Retroviral vectors	50	*
MEL+INDOLCAR	Prevention 4 (Melatonin + indole-3-carbinol)	50	*	RETROVIRVECT	Retroviral vectors	50	*
MELCYANCOMB	Melamine + Cyanuric Acid combination	49	*	SANTRIMER2	Styrene-acrylonitrile trimer	43	16
MICROBIOME	Microbiome	30	6	SILYMARN+MEL	Prevention 2 (Silymarin + melatonin)	50	*
MICROCYSTNMX	Microcystin mixture (TGMX)	49	*	@ SINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8
MOUSEAGE	Mouse ageing study	46	17	@ SINVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4
MOUSEPHENO1	Ageing Cohort Study: 12951/SvlmJ mouse	31	8	STACHYSTRN1	Stachybotrys chartarum strain 1 mold (macrocyclic trichothecene chemotype)	30	3
MOUSEPHENO10	Ageing Cohort Study: NZO/HiLtJ mouse	31	10	STACHYSTRN2	Stachybotrys chartarum strain 2 mold (atranone chemotype)	30	3
MOUSEPHENO2	Ageing Cohort Study: A/J mouse	31	8	STEELWELDFUM	Welding fumes	52	*
MOUSEPHENO4	Ageing Cohort Study: C57/BL/6J mouse	31	8	SYNTILO1023	Metal working fluids (Syntilo 1023)	49	*
MOUSEPHENO6	Ageing Cohort Study: B6C3F1J mouse	31	10	TEFBINARYMIX	Toxic equivalency factor evaluation (Binary mixture; PCB 126/PCB 153)	43	16
MOUSEPHENO9	Ageing Cohort Study: WSB/EIJ mouse	31	8	TEFDIOXINMIX	Toxic equivalency factor evaluation (Dioxin mixture)	44	16

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CASRN	CHEMICAL NAME	PAGE	REF
TEFPCBMIX	Toxic equivalency factor evaluation (PCB Mixture; PCB 126/PCB 118)	44	16
TEFTGMIXTURE	TEF transgenics (PCB 126 / PECDF mixture)	50	*
@ TGMODELEVAL	Transgenic Model Evaluation II (Acesulfame Potassium) (Primary CASRN is 55589-62-3)	32	16
TGMXFLAVCLAS	Toxicogenomics study of allylbenzene & propenylbenzene class flavor constituents (TGMX)	51	*
TGMXRALVFEED	Rat feed study (TGMX rat liver evaluation)	50	*
@ THUJONEMIXAB	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	35	16
@ THUJONEMIXAB	alpha/beta Thujone mixture (Primary CASRN is 76231-76-0)	44	16
@ TMPSMXMIXNTP	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTPSMX)	47	*
@ TMPSMXMIXNTP	AZT + TMP/SMX (mixture) combination (Primary CASRN is AZTTPSMX)	47	*
TRIMSC210	Metal working fluids (Trim SC210)	49	*
TRIMVX	Metal Working Fluids: TRIM@ VX	41	16
@ UORFLTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	31	8
@ UORFLTRVECTOR	Insertional Mutagenesis - Definitive Vector Study (Primary CASRN is INSERTMUT3)	30	4
URETHCOMB	Urethane + ethanol (combination)	35	16
URETHCOMB	Urethane + ethanol (combination)	45	16
USNEALICHEN	Usnea Lichen	30	6

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