

Hazardous 100 List (Last updated: 7/17/13)			Authoritative Lists (see key below)*					www.saferchemicals.org			
Chemical Name	CASRN	Chemical Acronym or Synonym	CALIFORNIA	MAINE	MINNESOTA	WASHINGTON	US EPA	EU REACH	Primary Type of Toxicity	Reference for Toxicity Information (see key below)	Primary Category
2-Aminotoluene	95-53-4	o-Toluidine	x	x		x		C	cancer	1	Dyes & Pigments
2-Naphthylamine	91-59-8		x	x					cancer	1	Dyes & Pigments
3,3'-Dimethylbenzidine*	119-93-7	o-Tolidine	x			x	x		cancer	1	Dyes & Pigments
4,4'-Bis(dimethylamino)benzophenone	90-94-8	Michler's ketone	x					C	cancer	1	Dyes & Pigments
4,4'-Methylenedi-o-toluidine	838-88-0		x					C	cancer	1	Dyes & Pigments
4-Aminoazobenzene	60-09-3	Aniline yellow	x					C	cancer	1	Dyes & Pigments
6-Methoxy-m-toluidine	120-71-8	p-Cresidine	x					C	cancer	1	Dyes & Pigments
Benzenamine	62-53-3	Aniline	x			x			cancer	1	Dyes & Pigments
Benzidine and its salts	92-87-5		x	x					cancer	1	Dyes & Pigments
Benzidine-based and benzidine congener-based dyes (Azo dyes)*	Various		x				x		cancer	1	Dyes & Pigments
C.I. Solvent Yellow 14	842-07-9	Sudan I	x			x			cancer	1	Dyes & Pigments
C.I. Solvent Yellow 3	97-56-3	o-Aminoazotoluene	x					C	cancer	1	Dyes & Pigments
N,N,N',N'-tetramethyl-4,4'-methylenedianiline	101-61-1	Michler's base	x					C	cancer	1	Dyes & Pigments
Hexabromocyclododecane*	25637-99-4	HBCD		x	x	x	x	A	PBT	2	Halogenated Flame Retardants
Polybrominated diphenyl ethers*	Various	PBDEs		x	x	x	x	C	PBT; vPvB	2	Halogenated Flame Retardants
Tetrabromobisphenol A	79-94-7	TBBPA		x		x			PBT	3	Halogenated Flame Retardants
Tris(2-chloroethyl) phosphate	115-96-8	TCEP	x	x		x		A	cancer	1	Halogenated Flame Retardants
1,1,1,2-Tetrachloroethane	79-34-5		x			x			cancer	1	Halogenated Solvents
1-Bromopropane	106-94-5	n-Propyl bromide (nPB)	x					C	developmental	1	Halogenated Solvents
Methylene chloride	75-09-2		x			x			cancer	1	Halogenated Solvents
Perchloroethylene	127-18-4	PCE or Perc	x			x			cancer	1	Halogenated Solvents
Trichloroethylene	79-01-6	TCE	x					C	cancer	1	Halogenated Solvents
Furan	110-00-9		x					C	cancer	1	Various Uses
Antimony trioxide*	1309-64-4		x			x			cancer	1	Metals
Arsenic & arsenic compounds*	7440-38-2		x	x		x			cancer	1	Metals
Beryllium & beryllium compounds*	7440-41-7		x	x					cancer	1	Metals
Cadmium & cadmium compounds*	7440-43-9		x	x	x	x		C	cancer	1	Metals
Chromium & chromium compounds*	7440-47-3		x					C	cancer, developmental	1	Metals
Cobalt & cobalt compounds	7440-48-4		x			x			cancer	1	Metals
Lead & lead compounds*	7439-92-1		x		x				cancer	1	Metals
Mercury & mercury compounds*	7439-97-6		x	x		x			developmental	1	Metals

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Nickel & nickel compounds*	7440-02-0		x	x					cancer	1	Metals
Benzyl butyl phthalate	85-68-7	BBP	x	x	x	x	x	A	developmental	1	Phthalates
Di-(2-ethylhexyl) phthalate	117-81-7	DEHP	x	x	x	x	x	A	cancer	1	Phthalates
Dibutyl phthalate	84-74-2	DBP	x	x	x	x	x	A	developmental	1	Phthalates
Diethyl phthalate	84-66-2	DEP		x		x			endocrine disruption (Cat 1)	4	Phthalates
Diisobutyl phthalate	84-69-5	DIBP					x	A	reproductive (Cat 1B)	2	Phthalates
Diisodecyl phthalate*	26761-40-0	DIDP				x	x		developmental	1	Phthalates
Diisononyl phthalate*	28553-12-0	DINP				x	x		developmental	5 (a)	Phthalates
Di-n-hexyl phthalate	84-75-3	DnHP	x	x		x			developmental	1	Phthalates
Di-n-octyl phthalate	117-84-0	DnOP				x	x		developmental	6	Phthalates
Di-n-pentyl phthalate	131-18-0	DnPP					x	C	developmental	6	Phthalates
1,3-Butadiene	106-99-0		x	x					cancer	1	Plastics Building Blocks
2,4-Diaminotoluene	95-80-7		x			x		C	cancer	1	Plastics Building Blocks
2,4-Dinitrotoluene	121-14-2	DNT	x					A	cancer	1	Plastics Building Blocks
4,4'-Methylenebis(2-Chloroaniline)	101-14-4	MBOCA	x	x				C	cancer	1	Plastics Building Blocks
4,4'-Diaminodiphenylmethane	101-77-9	MDA	x					A	cancer	1	Plastics Building Blocks
4,4'-Oxydianiline	101-80-4		x					C	cancer	1	Plastics Building Blocks
Acrylonitrile	107-13-1		x			x			cancer	1	Plastics Building Blocks
Bisphenol A	80-05-7	BPA		x	x	x	x		endocrine disruption	3, 6, 7	Plastics Building Blocks
Epichlorohydrin	106-89-8	ECH	x	x					cancer	1	Plastics Building Blocks
Ethylbenzene	100-41-4		x			x			cancer	1	Plastics Building Blocks
Propylene oxide	75-56-9	PPO	x					C	cancer	1	Plastics Building Blocks
Styrene	100-42-5			x		x			cancer (reasonably anticipated)	5 (b)	Plastics Building Blocks
Toluene diisocyanate*	26471-62-5	TDI	x				x		dermal and inhalation sensitization	6	Plastics Building Blocks
Triglycidyl isocyanurate	2451-62-9	TGIC	x					C	developmental	1	Plastics Building Blocks
Vinyl chloride	75-01-4	VC or VCM	x	x		x			cancer	1	Plastics Building Blocks
1,3-Dimethylol-5,5-dimethylhydantoin	6440-58-0	DMDM hydantoin							cancer (based on formaldehyde)	1	Preservatives & Antimicrobials
2-Bromo-2-nitropropane-1,3-diol	52-51-7	Bronopol							cancer (based on formaldehyde)	1	Preservatives & Antimicrobials
Butyl paraben	94-26-8			x		x			endocrine disruption (Cat 1)	4	Preservatives & Antimicrobials
Butylated hydroxyanisole	25013-16-5	BHA	x	x		x			cancer	1	Preservatives & Antimicrobials
Ethyl paraben	120-47-8			x		x			endocrine disruption (Cat 1)	4	Preservatives & Antimicrobials

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Methyl paraben	99-76-3			x		x			endocrine disruption (Cat 1)	4	Preservatives & Antimicrobials
Propyl paraben	94-13-3			x		x			endocrine disruption (Cat 1)	4	Preservatives & Antimicrobials
Quaternium-15	4080-31-3								cancer (based on formaldehyde)	1	Preservatives & Antimicrobials
Octamethylcyclotetrasiloxane	556-67-2	D4		x		x			endocrine disruption (Cat 1)	4	Siloxanes
2-Ethoxyethyl acetate	111-15-9		x					C	developmental	1	Solvents
Ethylene glycol monoethyl ether	110-80-5	EGEE	x			x		C	developmental	1	Solvents
Ethylene glycol monomethyl ether	109-86-4	EGME	x			x		C	developmental	1	Solvents
N,N-dimethylacetamide	127-19-5	DMA	x					C	developmental	1	Solvents
N-Methylpyrrolidone	872-50-4	NMP	x			x		C	developmental	1	Solvents
Toluene	108-88-3		x	x		x			developmental	1	Solvents
4-n-Octylphenol	1806-26-4			x		x			endocrine disruption (Cat 1)	4	Surfactants
4-tert-Octylphenol	140-66-9	tOP		x		x		C	endocrine disruption	2	Surfactants
Nonylphenol, ethoxylated*	9016-45-9	NPE		x			x	C	endocrine disruption	2	Surfactants
p-Nonylphenol*	104-40-5	NP		x		x	x		endocrine disruption (Cat 1)	4	Surfactants
Benzophenone-2	131-55-5	BP-2		x		x			endocrine disruption (Cat 1)	4	Ultraviolet (UV) Light Absorbers
Octyl methoxycinnamate	5466-77-3	Octinoxate		x		x			endocrine disruption (Cat 1)	4	Ultraviolet (UV) Light Absorbers
Perfluorooctanesulfonic acid & salts*	1763-23-1	PFOS		x		x	x		reproductive (Cat 1B)	4	Perfluorinated Chemicals (PFCs)
Perfluorooctanoic acid & its salts*	335-67-1	PFOA						x C	reproductive and developmental	6	Perfluorinated Chemicals (PFCs)
1,2,3-Trichloropropane	96-18-4		x					C	cancer	1	Various Uses
1,2-Dibromoethane; Ethylene dibromide	106-93-4	EDB	x	x					cancer	1	Various Uses
1,2-Dichloroethane; Ethylene dichloride	107-06-2	EDC	x					C	cancer	1	Various Uses
1,4-Dioxane	123-91-1		x			x			cancer	1	Various Uses
2-Ethylhexanoic acid	149-57-5		x			x			developmental	1	Various Uses
2-Methoxyaniline	90-04-0	o-Anisidine	x					C	cancer	1	Various Uses
Acetaldehyde	75-07-0		x			x			cancer	1	Various Uses
Acrylamide	79-06-1		x					C	cancer	1	Various Uses
Benzene	71-43-2		x	x		x			cancer	1	Various Uses
Biphenyl-4-ylamine	92-67-1		x					C	cancer	1	Various Uses
Carbon disulfide	75-15-0		x			x			developmental	1	Various Uses
Diethyl sulphate	64-67-5		x					C	cancer	1	Various Uses
Dimethyl sulphate	77-78-1		x					C	cancer	1	Various Uses

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Estragole	140-67-0		x			x			cancer	1	Various Uses
Formaldehyde	50-00-0		x	x	x	x			cancer	1	Various Uses
Hexachlorobutadiene	87-68-3	HCBD	x	x		x			cancer	1	Various Uses
Hydrazine*	302-01-2		x					C	cancer	1	Various Uses
N-Nitrosodimethylamine	62-75-9	NDMA	x			x			cancer	1	Various Uses
N-Nitrosodiphenylamine	86-30-6		x			x			cancer	1	Various Uses
p-Chloroaniline	106-47-8		x			x			cancer	1	Various Uses
Pentachlorobenzene	608-93-5			x		x			endocrine disruption (Cat 1)	4	Various Uses
Phenolphthalein	77-09-8		x					C	cancer	1	Various Uses
p-Hydroxybenzoic acid	99-96-7	pHBA		x		x			endocrine disruption (Cat 1)	4	Various Uses
Short chain chlorinated paraffins*	85535-84-8	SCCPs					x	C	PBT; vPvB	2	Various Uses

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Additional chemicals of high concern (Last updated: 7/17/13)			Authoritative Lists (see key below)*					www.saferchemicals.org			
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Tris(1-chloro-2-propyl) phosphate*	13674-84-5	TCPP							carcinogen	8	Halogenated Flame Retardants
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate	183658-27-7	TBB							developmental; acute and chronic aquatic	9	Halogenated Flame Retardants
Bis(2-ethylhexyl)-3,4,5,6-tetrabromophthalate	26040-51-7	TBPH							developmental; acute and chronic aquatic	9	Halogenated Flame Retardants
Tris(1,3-Dichloro-2-propyl) phosphate	13674-87-8	TDCPP	x						cancer	1	Halogenated Flame Retardants
Tris(1,3-dichloropropyl) phosphate*	40120-74-9								probable human carcinogen	10	Halogenated Flame Retardants
Tris(2,3-dibromopropyl) phosphate	126-72-7	TBP	x						cancer	1	Halogenated Flame Retardants
Dibutyltin dichloride	683-18-1	DBTC						C	reproductive (Cat 1B)	2	Organotins
Tributyltin oxide	56-35-9	TBTO						C	PBT	2	Organotins
Triphenyltin hydroxide	76-87-9	TPTH	x						cancer	1	Organotins
Other organotins*	Various								anticipated: - reproductive (based on DBTC); - PBT (based on TBTO); - cancer (based on TPTH)	1,2	Organotins
Perfluorohexane sulfonic acid & its salts*	355-46-4	PFHxS					x		reproductive and developmental	6	Perfluorinated Chemicals (PFCs)
Perfluorohexanoic acid	307-24-4	PFHxA							reproductive and developmental	6	Perfluorinated Chemicals (PFCs)
Bisphenol S	80-09-1	BPS							endocrine disruption (based on BPA)	3,6,7	Plastics Building Blocks
Methylenediphenyl diisocyanate & related compounds*	26447-40-5	MDI					x		dermal and inhalation sensitization	6	Plastics Building Blocks
Triclosan	3380-34-5								endocrine disruption; potential antibiotic resistance	11	Preservatives & Antimicrobials
Decamethylcyclopentasiloxane	541-02-6	D5							endocrine disruption (Cat 1) (based on D4)	4	Siloxanes

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Key for Authoritative Lists

CALIFORNIA: [State of California "List of Chemicals Known to Cause Cancer or Reproductive Toxicity" \(Proposition 65 list\)](#)

MAINE: [State of Maine "Designated Priority Chemicals"](#)
["List of Chemicals of High Concern"](#)

MINNESOTA: [State of Minnesota "List of Priority Chemicals"](#)

WASHINGTON: [State of Washington "List of Chemicals of High Concern to Children"](#)

US EPA: [United States Environmental Protection Agency "Existing Chemicals Action Plans"](#)

EU REACH: [European Union: "Authorisation List" \(A\)](#)
["Candidate List of Substances of Very High Concern for Authorisation" \(C\)](#)

References for Toxicity Information

1: [State of California "List of Chemicals Known to Cause Cancer or Reproductive Toxicity" \(Proposition 65 List\)](#)

2: [European Union: "Authorisation List" \(A\) and "Candidate List of Substances of Very High Concern for Authorisation" \(C\)](#)

3: [State of Washington "List of Chemicals of High Concern to Children"](#)

4: [European Commission Endocrine Disruptor Website](#)

5 (a): [National Toxicology Program Monograph on the Potential Human Reproductive and Developmental Effects of DINP \(2003\)](#)

5 (b): [National Toxicology Program 12th Report on Carcinogens](#)

6: [United States Environmental Protection Agency "Existing Chemicals Action Plans"](#)

7: [State of Maine "Designated Priority Chemicals"](#)

8: [California EPA, Office of Environmental Health Hazard Assessment \(OEHHA\)](#)

9: [United States Environmental Protection Agency "TSCA Work Plan Chemicals"](#)

10: [United States Consumer Product Safety Commission \(US CPSC\)](#)

11: Published literature

Key for Acronyms

CASRN: [Chemical Abstracts Service Registry Number](#)

PBT: Persistent, bioaccumulative and toxic

vPvB: Very persistent and very bioaccumulative