

List of Chemicals of High Concern		Toxicity										Exposure																		
CAS	Chemical	NTP_REP	GHS cat 1A repro	EU_END1	NTP_ROC	IRIS_86A	IRIS_96	GHS cat 1 cancer	EU carcinogen 1A	IARC_1	WA_PBT with review	CAN_PBIT with review	Biomonitoring	Indoor air and dust	Danish EPA	Dutch (NL) Reports	German FEA	ESIS_RAR	HSDB_NLM	EPA Inventory Use (IUR)	HPD_NLM	ChAMP child exp	SPIN	2012 TSCA Work Plan Consumer Products	Peer Reviewed Journals	VCCEP	Released into air	Ingested by child	Applied to skin	
71-43-2	Benzene				✓	✓	✓	✓	✓	✓			8	9	6		✓	✓		✓	11		✓			✓	✓			
75-01-4	Vinyl chloride				✓	✓	✓	✓	✓	✓					1					✓			✓	✓						
79-94-7	Tetrabromobisphenol A										✓		2	1	1		✓	✓		✓										
84-61-7	Dicyclohexyl phthalate; DCHP			✓									1	4						✓										
91-59-8	2-Naphthylamine				✓			✓	✓	✓					1															
92-69-3	4-Hydroxybiphenyl			✓									2																	
92-87-5*	Benzidine and its salts				✓	✓		✓	✓	✓					1															
94-13-3	Propyl paraben			✓									4	6	1			✓		>400		✓						✓	✓	
94-26-8	Butyl paraben			✓									3	1	6	1				65		✓		1					✓	
95-53-4	2-Aminotoluene									✓					3													✓		
99-76-3	Methyl paraben			✓									4	1	10	2		✓		>400		✓		1					✓	
99-96-7	p-Hydroxybenzoic acid			✓											1	1												✓		
100-42-5	Styrene			✓									4	6	11	1	✓		✓	14		✓	✓				✓			
101-14-4	4,4'-Methylenebis(2-Chloroaniline)									✓					1									✓						
106-89-8	Epichlorohydrin			✓											1								✓							
106-93-4	1,2-Dibromoethane			✓															✓						✓					
106-99-0	1,3-Butadiene				✓			✓	✓	✓			1	3	1				✓	4		✓								
108-88-3	Toluene	✓											7	7	19		✓	✓	✓	>400		✓				✓	✓		✓	
118-74-1	Hexachlorobenzene	✓	✓										7																	
120-47-8	Ethyl paraben			✓									3	1	6	1				75		✓		1					✓	
131-55-5	2,2',4,4'-tetrahydroxybenzophenone, BP-2			✓											1					73									✓	
131-56-6	2,4-Dihydroxybenzophenone			✓														✓		25				1						
131-70-4	Mono-n-butylphthalate			✓									5		2															
140-66-9	1,1,3,3-Tetramethyl-4-butylphenol			✓									4	1	1									✓				✓		

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556-67-2	Octamethylcyclotetrasiloxane		✓											1	4				✓	✓	26		✓	✓	1		✓		✓
608-93-5	Benzene, pentachloro-		✓										2																
1163-19-5	2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether; BDE-209										✓		1	2	2			✓		✓						✓			
1634-04-4	Methyl tert-butyl ether; MTBE		✓										4	4						✓									
1763-23-1*	Perfluorooctane sulfonic acid (PFOS) and its salts										✓		5	3	1										2				
1806-26-4	Phenol, 4-octyl-		✓											1		1									1			✓	
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate		✓												1				✓		109								✓
14808-60-7	Silica, crystalline (in the form of quartz or cristobalite dust)				✓			✓		✓										✓	>400		✓	✓					✓
25013-16-5	Butylated hydroxyanisole		✓																✓		41		✓						✓
25637-99-4	Hexabromocyclododecane										✓		1	2				✓	✓									✓	
27193-28-8	(1,1,3,3-tetramethylbutyl)-phenol		✓													1													
N/A	Nickel compounds				✓					✓			5	2	9		✓			✓	3			✓	1				

Note: Please see text for further description of data sources and evaluation process.

\* CAS numbers are specific for the parent chemical, but the CHC listing includes both the parent chemical and parent chemical-related salt compounds.

#### Legend

✓ Found to be present      Numbers represent number of peer-reviewed literature sources or number of times found in a database

#### Toxicology Data Sources

NTP_REP	National Toxicology Program Evaluation for the Risks to Human Reproduction: Serious Concern or Concern for adverse reproductive or developmental effects in humans
GSH cat 1A repro	Global Harmonization System: Category 1A - Known human reproductive toxicant
EU_END1	EU Endocrine Disruptor Program: Category 1 - probable
NTP_ROC	NTP Report on Carcinogens: Known to be a human carcinogen
IRIS_86A	EPA Integrated Risk Information System: 1986 criteria - Category A, Known human carcinogen
IRIS 96	EPA Integrated Risk Information System: 1996 criteria - Known human carcinogen
GHS category 1A cancer	Global Harmonization System: Category 1A - Known human carcinogen
EU carcinogen 1A	European Union Carcinogen List: Category 1A - Known human carcinogen
IARC_1	IARC: Group 1 - Carcinogenic to humans
WA_PBT with review	Washington State PBT list: present on list and independent MECDC toxicity review
CAN_PBIT with review	Health Canada PBIT list: present on list and independent MECDC toxicity review

#### Exposure Studies

Biomonitoring	Identified as present in human tissue by biomonitoring studies identified by a Pubmed search, numbers refer to number of studies in which chemical was identified.
Indoor air and dust	Identified as present in indoor air or dust by Pubmed search, numbers refer to number of studies in which chemical was identified.

#### Consumer Product Data

Danish EPA	Identified as present in consumer products by the Danish EPA
Dutch reports	Identified as present in consumer products by the Dutch government
German Federal Environment Agency	
ESIS Risk Assessment Report	EU or other authoritative risk assessment indicating use in consumer products
HSDB_NLM	Listed in National Library of Medicine Hazardous Substances Database
EPA_Inventory Use Report	EPA Inventory Use and Reporting database indicating use in consumer products
HPD_NLM household products	Household Products Database, National Library of Medicine used in consumer products
SPIN	Substances in Products in Nordic Countries Database
TSCA Work Plan Chemicals	Toxic Substances Control Act
Peer Reviewed Journals	
VCCEP	Voluntary Children's Chemical Evaluation Program
ChAMP child exp	EPA ChAMP program indicating potential exposure to children
Released into air	Potential release into air based on properties of chemical
Ingested by child	Potential ingestion, mouthing, or sucking by child based on product type
Applied to skin	Product is applied to skin