

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
Change	607-57-8	2-Nitrofluorene [ <del>PAH-Derivative</del> -B(a)p PEF 0.01]	0.0909	<del>0.055</del> 0.10
Change	218-01-9	Chrysene [ <del>PAH</del> B(a)p PEF 0.01]	0.0909	<del>0.055</del> 0.10
Change	602-87-9	5-Nitroacenaphthene [ <del>PAH-Derivative</del> -B(a)p PEF 0.03]	0.027	<del>0.016</del> 0.034
Change	42397-64-8	1,6-Dinitropyrene [ <del>PAH-Derivative</del> B(a)p PEF 10]	0.0000909	<del>5.5E-05</del> 1.0E-04
Change	53-70-3	Dibenz[a,h]anthracene [ <del>PAH</del> B(a)p PEF 1.1]	0.000833	<del>5.0E-04</del> 9.1 E-04
Change	5522-43-0	1-Nitropyrene [ <del>PAH-Derivative</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	57835-92-4	4-Nitropyrene [ <del>PAH-Derivative</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	56-55-3	Benz[a]anthracene [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	205-99-2	Benzo[b]fluoranthene [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	205-82-3	Benzo[j]fluoranthene [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	207-08-9	Benzo[k]fluoranthene [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	226-36-8	Dibenz[a,h]acridine [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	224-42-0	Dibenz[a,j]acridine [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
No Change	<del>34465-46-8</del>	Total Hexachlorodibenzo-p-dioxin	<del>0.000000263</del>	2.6E-07
No Change	50-76-0	Actinomycin D	0.0000004	4.0E-07
No Change	50-07-7	Mitomycin C	0.000000435	4.3E-07
Change	193-39-5	Indeno[1,2,3-cd]pyrene [ <del>PAH</del> -B(a)p PEF 0.1]	0.00909	<del>5.5E-03</del> 1.0E-02
Change	50-32-8	Benzo[a]pyrene	0.000909	1.0E-03
No Change	13510-49-1	Beryllium Sulfate	0.00000116	1.2E-06
Change	42397-65-9	1,8-Dinitropyrene [ <del>PAH-Derivative</del> -B(a)p PEF 1.0]	0.000909	<del>5.5E-03</del> 1.0E-03
Change	3697-24-3	5-Methylchrysene [ <del>PAH-Derivative</del> -B(a)p PEF 1.0]	0.000909	<del>5.5E-03</del> 1.0E-03
Change	194-59-2	7H-Dibenzo[c,g]carbazole [ <del>PAH</del> -B(a)p PEF 1.0]	0.000909	<del>5.5E-03</del> 1.0E-03
No Change	<del>37871-00-4</del>	Total Heptachlorodibenzo-p-dioxin	<del>0.00000263</del>	2.6E-06
Change	---	Chromium Hexavalent: Soluble, except Chromic Trioxide	0.00000667	4.0E-06
Change	18540-29-9	Chromium(VI) & compounds	0.00000667	4.0E-06
Change	92-87-5	Benzidine (and its salts)	0.00000714	4.3E-06

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Change	1332-21-4	Asbestos (f/cc)	0.0000159	4.3E-06
New	---	Libby Amphipole Asbestos (f/cc)		5.9E-06
No Change	540-73-8	1,2-Dimethylhydrazine	0.00000625	6.3E-06
No Change	305-03-3	Chlorambucil	0.00000769	7.7E-06
Change	1333-82-0	Chromic Trioxide	0.0000128	7.7E-06
Change	192-65-4	Dibenzo[a,e]pyrene [PAH-B(a)p PEF 1.0]	0.000909	<del>5.5E-03</del> 1.0E-03
Change	7738-94-5	Chromic(VI) Acid	0.0000151	9.1E-06
No Change	56-53-1	Diethylstilbestrol	0.00001	1.0E-05
No Change	54749-90-5	Chlorozotocin	0.0000145	1.4E-05
Change	684-93-5	N-Nitroso-N-methylurea	0.0000294	1.8E-05
Change	10294-40-3	Barium Chromate	0.0000149	2.0E-05
New	56-38-2	Parathion		2.0E-05
No Change	3546-10-9	Phenesterin	0.0000233	2.3E-05
Change	7758-97-6	Lead Chromate	0.0000414	2.5E-05
No Change	148-82-3	Melphalan	0.000027	2.7E-05
No Change	3223-07-2	Melphalan HCl	0.000027	2.7E-05
No Change	615-53-2	n-Nitroso-n-Methylurethane	0.0000323	3.2E-05
No Change	18883-66-4	Streptozotocin	0.0000323	3.2E-05
Change	18454-12-1	Lead Chromate Oxide	0.0000701	4.2E-05
Delete - Redundant	<del>18540-29-9</del>	Chromium VI, chromic acid aerosol mist	-	5.0E-05
No Change	151-56-4	Ethyleneimine (Aziridine)	0.0000526	5.3E-05
Change	7496-02-8	6-Nitrochrysene [PAH-Derivative B(a)p PEF 10]	0.0000909	<del>5.5E-03</del> 1.0E-04
Change	189-64-0	Dibenzo[a,h]pyrene [PAH-B(a)p PEF 10]	0.0000909	<del>5.5E-03</del> 1.0E-04
Change	189-55-9	Dibenzo[a,i]pyrene [PAH-B(a)p PEF 10]	0.0000909	<del>5.5E-03</del> 1.0E-04
Change	191-30-0	Dibenzo[a,l]pyrene [PAH-B(a)p PEF 10]	0.0000909	<del>5.5E-03</del> 1.0E-04

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Change	56-49-5	3-Methylcholanthrene [ <del>PAH-Derivative- B(a)p</del> PEF 5.7]	0.000159	<del>9.6E-05</del> 1.8E-04
Change	55-18-5	N-Nitrosodiethylamine	0.0001	6.0E-05
No Change	4342-03-4	Dacarbazine	0.0000714	7.1E-05
No Change	542-88-1	Bis(chloromethyl) ether	0.0000769	7.7E-05
Change	759-73-9	n-Nitroso-n-ethylurea	0.00013	7.8E-05
Change	57-97-6	7,12-Dimethylbenz[a]anthracene [ <del>PAH-Derivative- B(a)p</del> PEF 64.5]	0.0000141	<del>8.5E-06</del> 1.6E-05
Change	32598-14-4	PCB 105 [2,3,3',4,4'-pentachlorobiphenyl]	0.000263	9.1E-04
Change	31508-00-6	PCB 118 [2,3',4,4',5-pentachlorobiphenyl]	0.000263	9.1E-04
No Change	50-28-2	Estradiol 17B	0.0000909	9.1E-05
Change	65510-44-3	PCB 123 [2,3',4,4',5'-pentachlorobiphenyl]	0.000263	9.1E-04
No Change	10048-13-2	Sterigmatocystin	0.0001	1.0E-04
No Change	---	Polybrominated diphenyls	0.000116	1.2E-04
Change	62-75-9	N-Nitrosodimethylamine	0.000217	1.3E-04
No Change	62450-06-0	Tryptophan-P-1	0.000135	1.4E-04
No Change	10595-95-6	N-Nitrosomethylethylamine	0.000159	1.6E-04
No Change	92-67-1	4-Aminobiphenyl	0.000167	1.7E-04
No Change	2385-85-5	Mirex	0.000196	2.0E-04
Change	75-21-8	Ethylene oxide	0.0114	2.0E-04
No Change	309-00-2	Aldrin	0.000204	2.0E-04
No Change	302-01-2	Hydrazine	0.000204	2.0E-04
No Change	712-68-5	2-Amino-5-(5-Nitro-2-Furyl)-1,3,4-Thiadiazol	0.000217	2.2E-04
No Change	143-50-0	Chlordecone	0.000217	2.2E-04
No Change	60-57-1	Dieldrin	0.000217	2.2E-04
No Change	139-65-1	4,4-Thiodianiline	0.000233	2.3E-04
No Change	7440-43-9	Cadmium & Compounds	0.000238	2.4E-04

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No Change	57-57-8	beta-Propiolactone	0.00025	2.5E-04
No Change	671-16-9	Procarbazine	0.00025	2.5E-04
Change	52663-72-6	PCB 167 [2,3',4,4',5,5'-hexachlorobiphenyl]	0.000263	9.1E-04
No Change	79-44-7	Dimethyl carbamoyl chloride	0.00027	2.7E-04
No Change	366-70-1	Procarbazine Hydrochloride	0.000294	2.9E-04
No Change	52-24-4	Tris-(1-Aziridinyl)phosphine sulfide	0.000294	2.9E-04
No Change	7440-38-2	Arsenic & Inorganic Arsenic Compounds	0.000303	3.0E-04
Change	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.000526	3.2E-04
No Change	115-02-6	Azaserine	0.000323	3.2E-04
No Change	924-16-3	N-Nitrosodi-n-butylamine	0.000323	3.2E-04
No Change	50-55-5	Reserpine	0.000323	3.2E-04
No Change	16568-02-8	Gyromitrin	0.000345	3.4E-04
No Change	315-22-0	Monocrotaline	0.000345	3.4E-04
No Change	100-75-4	N-Nitrosopiperidine	0.00037	3.7E-04
No Change	1024-57-3	Heptachlor epoxide	0.000385	3.8E-04
No Change	7440-41-7	Beryllium & Compounds (NOS)	0.000417	4.2E-04
No Change	1304-56-9	Beryllium Oxide	0.000417	4.2E-04
No Change	70-25-7	n-Methyl-n-nitro-n-nitrosoguanidine	0.000417	4.2E-04
No Change	303-34-4	Lasiocarpine	0.000455	4.5E-04
Change	53-96-3	2-Acetylaminofluorene [PAH-Derivative]	0.000769	4.6E-04
Change	1937-37-7	Direct Black 38	47600	4.8E-04
No Change	2602-46-2	Direct Blue 6	0.000476	4.8E-04
No Change	621-64-7	N-Nitrosodi-n-propylamine	0.0005	5.0E-04
Change	39635-31-9	PCB 189 [2,3,3',4,4',5,5'-heptachlorobiphenyl]	0.000263	9.1E-04
No Change	16071-86-6	Direct Brown 95 (technical grade)	0.000526	5.3E-04
No Change	59-89-2	N-Nitrosomorpholine	0.000526	5.3E-04

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Change	74472-37-0	PCB 114 [2,3,4,4',5-pentachlorobiphenyl]	0.0000526	9.1E-04
Change	38380-08-4	PCB 156 [2,3,3',4,4',5-hexachlorobiphenyl]	0.0000526	9.1E-04
Change	69782-90-7	PCB 157 [2,3,3',4,4',5'-hexachlorobiphenyl]	0.0000526	9.1E-04
No Change	32598-13-3	PCB 77 [3,3',4,4'-tetrachlorobiphenyl]	0.000263	2.6E-04
No Change	62-55-5	Thioacetamide	0.000588	5.9E-04
No Change	67730-11-4	Glu-P-1	0.000714	7.1E-04
Change	60-11-7	4-Dimethylaminoazobenzene	76900	7.7E-04
Change	76-44-8	Heptachlor	0.0000769	7.7E-04
No Change	129-15-7	2-Methyl-1-nitroanthraquinone	0.000833	8.3E-04
No Change	95-80-7	2,4-Diaminotoluene (2,4-Toluene diamine)	0.000909	9.1E-04
No Change	608-73-1	Hexachlorocyclohexanes (mixture) including but not limited to:	0.000909	9.1E-04
No Change	97-56-3	ortho-Aminoazotoluene	0.000909	9.1E-04
Change	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	0.000263	9.1E-05
Change	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	0.000263	9.1E-05
Change	70362-50-4	PCB 81 [3,4,4',5-tetrachlorobiphenyl]	0.000263	9.1E-05
No Change	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	0.00000263	2.6E-06
No Change	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	0.00000263	2.6E-06
No Change	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	0.00000263	2.6E-06
Change	32774-16-6	PCB 169 [3,3',4,4',5,5'-hexachlorobiphenyl]	0.000263	9.1E-07
Change	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	0.000000526	9.1E-07
Change	---	Coke Oven Emissions	0.00162	9.7E-04
No Change	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	0.000000263	2.6E-07
No Change	62450-07-1	Tryptophan-P-2	0.0011	1.1E-03
No Change	59-96-1	Phenoxybenzamine	0.00112	1.1E-03
No Change	10034-93-2	Hydrazine Sulfate	0.00116	1.2E-03

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No Change	1116-54-7	N-Nitrosodiethanolamine	0.00125	1.3E-03
No Change	319-84-6	Hexachlorocyclohexane, alpha-	0.0013	1.3E-03
No Change	63-92-3	Phenoxybenzamine hydrochloride	0.0013	1.3E-03
Change	101-14-4	4,4'-Methylene bis(2-chloroaniline) (MOCA)	0.00233	1.4E-03
No Change	111-44-4	Bis(2-chloroethyl) ether (DCEE)	0.00141	1.4E-03
No Change	1120-71-4	1,3-Propane sultone	0.00145	1.4E-03
No Change	107-30-2	Chloromethyl methyl ether (technical grade)	0.00145	1.4E-03
No Change	3570-75-0	Nifurthiazole	0.00152	1.5E-03
No Change	126-72-7	Tris(2,3-dibromopropyl)phosphate	0.00152	1.5E-03
Change	106-93-4	Ethylene dibromide (EDB, 1,2-Dibromoethane)	0.0141	1.7E-03
No Change	930-55-2	N-Nitrosopyrrolidine	0.00167	1.7E-03
No Change	1336-36-3	Polychlorinated biphenyls (PCBs)	0.00175	1.8E-03
No Change	555-84-0	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	0.00196	2.0E-03
No Change	91-59-8	2-Naphthylamine	0.00196	2.0E-03
No Change	446-86-6	Azathioprine	0.00196	2.0E-03
New	126-99-8	Chloroprene		2.0E-03
No Change	101-90-6	Diglycidyl Resorcinol Ether	0.00204	2.0E-03
Change	51-79-6	Urethane (Ethyl carbamate)	0.00345	2.1E-03
Change due to rounding	12035-72-2	Nickel subsulfide	0.00204	2.1E-03
Change	13552-44-8	4,4-Methylenedianiline Dihydrochloride	0.00294	2.2E-03
No Change	101-77-9	4,4'-Methylenedianiline (and its dichloride)	0.00217	2.2E-03
Change	118-74-1	Hexachlorobenzene	0.00196	2.2E-03
No Change	319-85-7	Hexachlorocyclohexane, beta-	0.00233	2.3E-03
No Change	531-82-8	n-[4-(5-nitro-2-furyl)-2-thiazolyl]-acetamide (aka furathiazole)	0.00233	2.3E-03

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No Change	76180-96-6	2-Amino-3-methylimidazo-[4,5-f]quinoline	0.0025	2.5E-03
No Change	67730-10-3	Glu-P-2	0.0025	2.5E-03
No Change	16543-55-8	n-Nitrosornicotine	0.0025	2.5E-03
No Change	59-87-0	Nitrofurazone	0.0027	2.7E-03
No Change	68006-83-7	2-Amino-3-methyl-9H pyrido[2,3-b]indole	0.00294	2.9E-03
No Change	91-94-1	3,3'-Dichlorobenzidine	0.00294	2.9E-03
No Change	8001-35-2	Toxaphene (Polychlorinated camphenes)	0.00294	2.9E-03
No Change	58-89-9	Hexachlorocyclohexane, gamma- (Lindane)	0.00323	3.2E-03
No Change	---	Diesel Particulate Matter	0.00333	3.3E-03
No Change	107-13-1	Acrylonitrile	0.00345	3.4E-03
No Change	3068-88-0	beta-Butyrolactone	0.00345	3.4E-03
No Change	51-52-5	Propylthiouracil	0.00345	3.4E-03
No Change	61-82-5	Amitrole	0.0037	3.7E-03
No Change	838-88-0	4,4-Methylene bis(2-Methylaniline)	0.00385	3.8E-03
New	7440-02-0	Nickel & compounds		3.8E-03
No Change	122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.004	4.0E-03
No Change	492-80-8	Auramine	0.004	4.0E-03
No Change	90-94-8	Michler's ketone	0.004	4.0E-03
No Change	---	Nickel Refinery Dust	0.0042	4.2E-03
New	1313-99-1	Nickel oxide		4.9E-03
New	---	Nickel oxide black		5.4E-03
No Change	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.000000263	2.6E-07
No Change	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.000000263	2.6E-07
No Change	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.000000263	2.6E-07
No Change	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	0.000000263	2.6E-07
No Change	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	0.000000263	2.6E-07

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No Change	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.000000263	2.6E-07
No Change	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran (TcDF)	0.000000263	2.6E-07
No Change	57465-28-8	PCB 126 [3,3',4,4',5-pentachlorobiphenyl]	0.000000263	2.6E-07
Change	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	5.26E-08	9.1E-08
No Change	50-18-0	Cyclophosphamide (anhydrous)	0.00588	5.9E-03
New	11113-75-0	Nickel sulfide		6.0E-03
Change	79-06-1	Acrylamide	0.000769	6.0E-03
New	12054-48-7	Nickel hydroxide		6.1E-03
No Change	6055-19-2	Cyclophosphamide (Hydrated)	0.00625	6.3E-03
New	1346-39-3	Nickel carbonate hydroxide		6.6E-03
No Change	7758-01-2	Potassium bromate	0.00714	7.1E-03
No Change	50-06-6	Phenobarbital	0.00769	7.7E-03
No Change	55738-54-0	Trans-2[[dimethylamino)-methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole	0.00769	7.7E-03
New	3333-67-3	Nickel carbonate		7.8E-03
New	7718-54-9	Nickel chloride		8.5E-03
No Change	26148-68-5	A-alpha-c(2-amino-9h-pyrido[2,3-b]indole)	0.00877	8.7E-03
No Change	56-04-2	Methylthiouracil	0.00909	9.1E-03
Change	94-59-7	Safrole	0.0159	9.6E-03
Change	57-74-9	Chlordane	0.00294	0.010
New	7786-81-4	Nickel sulfate		0.010
No Change	72-55-9	DDE, 4,4'-	0.0103	0.010
No Change	---	DDT	0.0103	0.010
New	13463-39-3	Nickel carbonyl		0.011
No Change	121-14-2	2,4-Dinitrotoluene	0.0112	0.011
New	373-02-4	Nickel acetate		0.012



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No Change	62-73-7	Dichlorovos (DDVP)	0.012	0.012
New	1271-28-9	Nickelocene		0.012
No Change	301-04-2	Lead Acetate	0.0125	0.013
No Change	95-69-2	p-Chloro-o-toluidine	0.013	0.013
No Change	569-61-9	C.I. Basic Red 9 Monohydrochloride	0.0141	0.014
No Change	72-54-8	DDD, 4,4'-	0.0145	0.014
No Change	3688-53-7	Furylfuramide	0.0145	0.014
Change	7784-42-1	Arsine	0.05	0.015
No Change	135-20-6	Cupferron	0.0159	0.016
No Change	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	2.63E-08	2.6E-08
New	10101-97-0	Nickel sulfate hexahydrate		0.017
No Change	79-34-5	1,1,2,2-Tetrachloroethane	0.0172	0.017
No Change	95-06-7	Sulfallate	0.0185	0.019
New	13478-00-7	Nickel nitrate hexahydrate		0.019
No Change	95-53-4	o-Toluidine	0.0196	0.020
Change	505-60-2	Sulfur Mustard	0.7	0.020
No Change	100-44-7	Benzyl chloride	0.0204	0.020
No Change	94-78-0	Phenazopyridine	0.0204	0.020
No Change	96-09-3	Styrene oxide	0.0217	0.022
No Change	82-28-0	1-Amino-2-methylantraquinone	0.0233	0.023
No Change	2425-06-1	Captafol	0.0233	0.023
No Change	120-71-8	p-Cresidine	0.0233	0.023
No Change	136-40-3	Phenazopyridine hydrochloride	0.0233	0.023
No Change	563-47-3	3-Chloro-2-methyl-1-propene	0.025	0.025
No Change	101-80-4	4,4'-Diaminodiphenyl Ether	0.025	0.025
No Change	90-04-0	o-Anisidine	0.025	0.025

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
New	98-95-3	Nitrobenzene		0.025
No Change	75-27-4	Bromodichloromethane	0.027	0.027
No Change	636-21-5	o-Toluidine Hydrochloride	0.027	0.027
No Change	91-20-3	Naphthalene	0.0294	0.029
Change	7439-97-6	Mercury	0.09	0.030
No Change	532-27-4	2-Chloroacetophenone	0.03	0.030
No Change	103-33-3	Azobenzene	0.0323	0.032
No Change	510-15-6	Chlorobenzilate (Ethyl-4,4'-dichlorobenzilate)	0.0323	0.032
No Change	134-29-2	o-Anisidine Hydrochloride	0.0323	0.032
Change	106-99-0	1,3-Butadiene	0.00588	0.033
No Change	66-27-3	Methyl Methanesulfonate	0.0357	0.036
No Change	115-28-6	Chlorendic Acid	0.0385	0.038
No Change	107-06-2	Ethylene dichloride (EDC, 1,2-Dichloroethane)	0.0385	0.038
No Change	108171-26-2	Chlorinated paraffins	0.04	0.040
No Change	85535-84-8	Chloroalkanes C10-13 (Chlorinated paraffins)	0.04	0.040
New	7440-61-1	Uranium, soluble salts		0.040
No Change	106-89-8	Epichlorohydrin	0.0435	0.043
No Change	67-66-3	Chloroform	0.0435	0.043
No Change	1836-75-5	Nitrofen	0.0435	0.043
No Change	6109-97-3	3-Amino-9-ethylcarbazole hydrochloride	0.0455	0.045
No Change	117-10-2	Dantron	0.0455	0.045
No Change	87-68-3	Hexachlorobutadiene	0.0455	0.045
No Change	62-56-6	Thiourea	0.0476	0.048
No Change	60-35-5	Acetamide	0.05	0.050
No Change	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	2.63E-08	2.6E-08

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
No Change	41903-57-5	2,3,7,8-Tetrachlorodibenzo-p-dioxin & Related Compounds, NOS	2.63E-08	2.6E-08
No Change	79-00-5	1,1,2-Trichloroethane (Vinyl trichloride)	0.0625	0.063
Change	117-79-3	2-Aminoanthraquinone [PAH-Derivative]	0.106	0.064
No Change	2784-94-3	HC Blue 1	0.0667	0.067
Change due to rounding	822-06-0	Hexamethylene-1,6-diisocyanate	0.07	0.069
Change	513-37-1	Dimethylvinylchloride	7.69	0.077
No Change	101-61-1	4,4'-Methylene bis(n,n'-dimethyl)aniline	0.0769	0.077
No Change	94-58-6	Dihydrosafrole	0.0769	0.077
No Change	96-45-7	Ethylene thiourea	0.0769	0.077
Change	101-68-8	Methylene diphenyl diisocyanate (MDI)	0.7	0.080
No Change	111-30-8	Glutaraldehyde	0.08	0.080
No Change	7439-92-1	Lead and compounds (NOS)	0.0833	0.083
New	7446-27-7	Lead Phosphate		0.083
No Change	67-72-1	Hexachloroethane	0.0909	0.091
No Change	1335-32-6	Lead Subacetate	0.0909	0.091
No Change	106-46-7	p-Dichlorobenzene (1,4-Dichlorobenzene)	0.0909	0.091
Change	26471-62-5	Toluene diisocyanates (2,4- and 2,6-)	0.07	0.091
Change	584-84-9	Toluene-2,4-diisocyanate	0.07	0.091
Change	91-08-7	Toluene-2,6-diisocyanate	0.07	0.091
No Change	78-87-5	1,2-Dichloropropane (Propylene dichloride)	0.1	0.10
Change	7440-62-2	Vanadium (fume or dust)	0.2	0.10
No Change	7440-48-4	Cobalt	0.1	0.10
No Change	7550-45-0	Titanium tetrachloride	0.1	0.10
New	16065-83-1	Chromoum (III) soluble particulates		0.10

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
Change	75-01-4	Vinyl chloride	0.0128	0.11
No Change	140-57-8	Aramite	0.116	0.12
No Change	60568-05-0	Furmecyclox	0.116	0.12
Change	71-43-2	Benzene	0.0345	0.13
No Change	630-20-6	1,1,1,2-Tetrachloroethane	0.135	0.14
Change	7782-50-5	Chlorine	0.2	0.14
No Change	615-05-4	2,4-Diaminoanisole	0.152	0.15
No Change	156-10-5	p-Nitrosodiphenylamine	0.159	0.16
Change due to rounding	127-18-4	Tetrachloroethene (Perchloroethylene)	0.169	0.16
No Change	107-05-1	Allyl chloride	0.167	0.17
No Change	50-00-0	Formaldehyde	0.167	0.17
Change	56-23-5	Carbon tetrachloride	0.0238	0.17
No Change	1694-09-3	Benzyl Violet 4B	0.175	0.18
No Change	1596-84-5	Alar (Daminsozide)	0.196	0.20
Change	123-91-1	1,4-Dioxane	0.13	0.20
Change	298-04-4	Disulfoton	6	0.20
No Change	1309-64-4	Antimony trioxide	0.2	0.20
No Change	77-47-4	Hexachlorocyclopentadiene	0.2	0.20
Change	79-01-6	Trichloroethene (TCE, Trichloroethylene)	0.5	0.21
No Change	95-83-0	4-Chloro-o-phenylenediamine	0.217	0.22
No Change	87-86-5	Pentachlorophenol	0.217	0.22
No Change	3564-09-8	Ponceau 3R	0.217	0.22
Change	542-75-6	1,3-Dichloropropene	0.0625	0.25
No Change	39156-41-7	2,4-Diaminoanisole Sulfate	0.27	0.27
No Change	75-56-9	Propylene oxide	0.27	0.27

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
No Change	6423-43-4	Propylene glycol dinitrate	0.276	0.27
Change	96-18-4	1,2,3-Trichloropropane	1.84	0.30
No Change	75-44-5	Phosgene	0.3	0.30
Change	7439-96-5	Manganese & Compounds	0.04	0.30
Change	88-06-2	2,4,6-Trichlorophenol	0.05	0.32
No Change	18662-53-8	Nitrilotriacetic acid, trisodium salt monohydrate	0.345	0.34
Change	107-02-8	Acrolein	0.06	0.35
No Change	75-07-0	Acetaldehyde	0.37	0.37
No Change	86-30-6	N-Nitrosodiphenylamine	0.385	0.38
No Change	100-41-4	Ethyl benzene	0.4	0.40
No Change	76-06-2	Chloropicrin	0.4	0.40
Change	117-81-7	Bis(2-ethylhexyl) phthalate (DEHP)	0.0417	0.42
Change due to rounding	57-14-7	1,1-Dimethylhydrazine	0.5	0.49
Change	10049-04-4	Chlorine dioxide	0.2	0.60
No Change	75-34-3	1,1-Dichloroethane (Ethylidene dichloride)	0.625	0.63
No Change	62-53-3	Aniline	0.625	0.63
No Change	5160-02-1	D & C Red No. 9	0.667	0.67
No Change	139-13-9	Nitrilotriacetic acid	0.667	0.67
No Change	108-31-6	Maleic anhydride	0.7	0.70
No Change	87-29-6	Cinnamyl Anthranilate	0.769	0.77
No Change	2475-45-8	Disperse Blue 1	0.769	0.77
No Change	3761-53-3	Ponceau MX	0.769	0.77
Change	74-90-8	Cyanide, Hydrogen	9	0.80
No Change	7803-51-2	Phosphine	0.8	0.80
New	7440-61-1	Uranium, insoluble compounds		0.80

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
New	1306-38-3	Cerium Oxide and Cerium Compounds		0.90
No Change	75-25-2	Bromoform	0.909	0.91
No Change	624-83-9	Methyl isocyanate	1	1
No Change	7664-93-9	Sulfuric acid	1	1
No Change	79-10-7	Acrylic acid	1	1
No Change	1897-45-6	Chlorothalonil	1.12	1.1
No Change	132-27-4	o-Phenylphenate, Sodium	1.16	1.2
No Change	133-06-2	Captan	1.52	1.5
No Change	62-44-2	Phenacetin	1.59	1.6
No Change	7783-06-4	Hydrogen sulfide	2	2
New	105-60-2	Caprolactam		2.2
No Change	111-42-2	Diethanolamine	3	3
No Change	7631-86-9	Silica, crystalline (respirable)	3	3
No Change	593-60-2	Vinyl bromide	3	3
No Change	1634-04-4	Methyl tert-butyl ether	3.85	3.8
No Change	74-83-9	Bromomethane (Methyl bromide)	5	5
No Change	7783-07-5	Selenide, hydrogen	5	5
New	16065-83-1	Chromium (III) insoluble particulates		5
<del>No Change</del>	<del>32534-81-9</del>	<del>Pentabromodiphenyl ether</del>	<del>6</del>	<del>6</del>
<del>New</del>	<del>60348-60-9</del>	<del>PBDE 99 [2,2',4,4',5-Pentabromodiphenyl ether]</del>		<del>6</del>
<del>New</del>	<del>32536-52-0</del>	<del>Polybrominated diphenyl ethers (PBDEs)</del>		<del>6</del>
New	---	Polybrominated diphenyl ethers (PBDEs) [NOS]		6
No Change	7664-38-2	Phosphoric acid	7	7
No Change	1310-73-2	Sodium hydroxide	8	8
New	123-38-6	Propionaldehyde		8
No Change	7647-01-0	Hydrochloric acid	9	9

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
New	78-88-6	2,3-dichloropropene		9.1
Change	333-41-5	Diazinon	9	10
New	86-50-0	Guthion (azinphos-methyl)		10
New	463-58-1	Carbonyl sulfide		10
New	8008-20-6	Kerosene		10
No Change	---	Fluorides	13	13
No Change	7664-39-3	Hydrogen fluoride	14	14
Change due to rounding	7782-41-4	Fluorine gas	15.8	16
No Change	25013-16-5	Butylated hydroxyanisole	17.5	18
No Change	106-88-7	1,2-Epoxybutane	20	20
No Change	79-46-9	2-Nitropropane	20	20
No Change	7723-14-0	Phosphorus	20	20
No Change	85-44-9	Phthalic anhydride	20	20
No Change	7782-49-2	Selenium & Selenium Compounds (other than Hydrogen Selenide)	20	20
New	68476-30-2	Fuel oil No. 2		20
New	121-75-5	Malathion		20
New	12185-10-3	Phosphorus, white		20
New	7446-34-6	Selenium sulfide		20
Change No Change	7446-09-5	Sulfur dioxide	660	<del>26</del> 660
Change due to rounding	57-55-6	Propylene glycol	28.5	28
No Change	1314-62-1	Vanadium pentoxide	30	30
New	591-78-6	2-Hexanone		30
No Change	75-05-8	Acetonitrile	60	60

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
No Change	109-86-4	Ethylene glycol monomethyl ether (2-Methoxyethanol)	60	60
New	526-73-8	1,2,3-Trimethylbenzene		60
New	95-63-6	1,2,4-Trimethylbenzene		60
New	108-67-8	1,3,5-Trimethylbenzene		60
New	108-86-1	Bromobenzene		60
Change	75-09-2	Dichloromethane (Methylene chloride)	1	60
No Change	110-80-5	Ethylene glycol monoethyl ether (2-Ethoxyethanol)	70	70
No Change	68-12-2	Dimethyl formamide	80	80
No Change	7697-37-2	Nitric acid	86	86
No Change	74-87-3	Chloromethane (Methyl chloride)	90	90
No Change	110-49-6	Ethylene glycol monomethyl ether acetate	90	90
No Change	7440-50-8	Copper & Compounds	100	100
No Change	7803-63-6	Ammonium bisulfate	120	120
<del>No Change</del> Delete	<del>7783-20-2</del>	<del>Ammonium sulfate</del>	<del>120</del>	<del>120</del>
No Change	10028-22-5	Ferric Sulfate	120	120
No Change	7757-82-6	Sodium Sulfate	120	120
New	7446-71-9	Sulfur trioxide		120
New	8014-95-7	Oleum		120
No Change	10028-15-6	Ozone	180	180
No Change	108-95-2	Phenol	200	200
No Change	121-44-8	Triethylamine	200	200
No Change	108-05-4	Vinyl acetate	200	200
No Change	75-35-4	Vinylidene chloride (1,1-DCE)	200	200
New	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene		<del>217</del> 220
No Change	106-42-3	p-Xylene	221	220



### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
No Change	108-38-3	m-Xylene	221	220
No Change	95-47-6	o-Xylene	221	220
No Change	111-15-9	Ethylene glycol monoethyl ether acetate	300	300
New	7440-42-8	Boron and Compounds		300
New	HZ0600-22-T	JP-7		300
No Change	107-21-1	Ethylene glycol	400	400
No Change	98-82-8	Isopropylbenzene (Cumene)	400	400
No Change	10102-44-0	Nitrogen dioxide	470	470
Change	7664-41-7	Ammonia	70.8	500
No Change	108-39-4	m-Cresol	600	600
No Change	95-48-7	o-Cresol	600	600
No Change	106-44-5	p-Cresol	600	600
New	1319-77-3	Cresols (mixture), including m-cresol, o-cresol, p-cresol		600
No Change	110-54-3	Hexane	700	700
No Change	80-62-6	Methyl methacrylate	700	700
Change due to rounding	156-60-5	trans-1,2-dichloroethene	807	793
No Change	75-15-0	Carbon disulfide	800	800
Change due to rounding	100-42-5	Styrene	900	852
No Change	108-90-7	Chlorobenzene	1000	1000
Change	111-76-2	Ethylene glycol monobutyl ether (2-Butoxyethanol)	13000	<del>1600</del> 82
No Change	78-59-1	Isophorone	2000	2000
New	8008-20-6	JP-5		2000
New	109-99-9	Tetrahydrofuran		2000
No Change	108-10-1	Methyl isobutyl ketone (MIBK, Hexone)	3000	3000

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
No Change	115-07-1	Propylene	3000	3000
New	8008-20-6	JP-8		3000
No Change	108-88-3	Toluene	5000	5000
No Change	78-93-3	2-Butanone (Methyl ethyl ketone)	5000	5000
Change	71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1000	5000
No Change	110-82-7	Cyclohexane	6000	6000
No Change	107-98-2	Propylene glycol monomethyl ether	7000	7000
Change	67-63-0	Isopropyl alcohol	3200	7000
New	50815-00-4	JP-4		9000
Change	67-56-1	Methanol	4000	20000
No Change	630-08-0	Carbon monoxide	23000	23000
No Change	75-00-3	Chloroethane (Ethyl chloride)	30000	30000
New	67-64-1	Acetone		<del>30881</del> -31000
No Change	75-37-6	1,1-Difluoroethane	40000	40000
No Change	75-68-3	1-Chloro-1,1-difluoroethane	50000	50000
No Change	75-45-6	Chlorodifluoromethane (Freon 22)	50000	50000
No Change	811-97-2	1,1,1,2-Tetrafluoroethane	80000	80000
? Change	627-44-1	Diethyl mercury	1E-99	0.14
Undetermined Change	593-74-8	Methyl mercury (Dimethylmercury)	1E-99	0.14
Deleted - Delisted by CAL	99-59-2	<del>5-Nitro-o-Anisidine</del>	0.0714	Deleted
Deleted - Delisted by CAL	<del>124-48-1</del>	<del>Dibromochloromethane</del>	0.037	Deleted

### Updated ASIL Table 2-15-2019

ASIL Update	CAS	Common Name	Current ASIL	Proposed ASIL
Delete (CAS replaced by 7738-94-5)	<del>11115-74-5</del>	<del>Chromic Acid</del>	<del>0.0000151</del>	See 7738-94-5
No Change	---	Refractory Ceramic Fibers (f/cc)	0.03	0.03
Delete and replace with PBDEs	<del>40088-47-9</del>	<del>Tetrabromodiphenyl Ether</del>	<del>6</del>	<del>#REF!</del>
New	540-88-5	Tertiary-butyl acetate		7.7E-01