

**Notified document - Proposed GB mandatory classification and labelling (GB MCL) of 48 hazardous chemical substances – March 2024**

International Chemical Identification and link to Agency Opinion	EC No.	CAS No.	Classification		Labelling			Specific Concentration Limits, M-factor	Notes
			Hazard Class and Category Code(s)	Hazard Statement Code(s)	Pictogram, Signal Word Code(s)	Hazard Statement Code(s)	Suppl. Hazard Statement Code(s)		
<a href="#">Nonylphenol, branched and linear, ethoxylated (with average molecular weight &lt; 352 g/mol) [includes ortho-, meta-, para-isomers or any combination thereof]</a>	500-315-8 500-024-6 500-045-0 500-209-1 248-762-5 243-816-4 248-291-5 687-833-9 and others	127087-87-0 9016-45-9 26027-38-3 68412-54-4 27986-36-3 20427-84-3 27176-93-8 1119449-38-5 and others	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M = 1 M = 10	
<a href="#">Nonylphenol, branched and linear, ethoxylated (with 352 g/mol ≤ average molecular weight &lt; 704 g/mol) [includes ortho-, meta-, para-isomers or any combination thereof]</a>	230-770-5 248-743-1 247-555-7 248-293-6 and others	127087-87-0 9016-45-9 7311-27-5 27942-27-4 26264-02-8 27177-05-5 14409-72-4 and others	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M = 1 M = 10	
<a href="#">Nonylphenol, branched and linear, ethoxylated (with 704 g/mol ≤ average molecular weight ≤ 1540 g/mol) [includes ortho-, meta-, para-isomers or any combination thereof]</a>	-	127087-87-0 9016-45-9 and others	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M = 1 M = 10	
<a href="#">Hydrogen sulphide, hydrogen sulfide</a>	231-977-3	7783-06-4	Press. Gas Flam. Gas 1A Acute Tox. 2 Aquatic Acute 1	H220 H330 H400	GHS02 GHS06 GHS09 Dgr	H220 H330 H400		Inhalation: ATE = 440 ppmV (gases)	U
<a href="#">1-phenylethan-1-one (1-phenylethylidene)hydrazone</a>	211-979-0	729-43-1	Skin Sens.1	H317	GHS07 Wng	H317			
<a href="#">Diuron (ISO)</a>	206-354-4	330-54-1	Carc. 1B STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H350 H373 (blood system) H400 H410	GHS08 GHS09 Dgr	H350 H373 (blood system) H410		M = 100 M = 100	
<a href="#">Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</a>	278-355-8	75980-60-8	Skin Sens. 1B Repr. 1B	H317 H360Fd	GHS08 GHS07 Dgr	H317 H360Fd			
<a href="#">Clothianidin (ISO)</a>	433-460-1	210880-92-5	Repr. 2 Acute Tox. 4 STOT SE 1 Aquatic Acute 1 Aquatic Chronic 1	H361f H302 H370 (nervous system) H400 H410	GHS07 GHS08 GHS09 Dgr	H361f H302 H370 (nervous system) H410		Oral: ATE = 390 mg/kg bw M = 10 M = 100	
<a href="#">Benzyl alcohol</a>	202-859-9	100-51-6	Acute Tox. 4 Eye Irrit. 2 Skin Sens. 1B	H302 H319 H317	GHS07 Wng	H302 H319 H317		Oral: ATE = 1200 mg/kg bw	

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<a href="#">Dimethyl propylphosphonate</a>	242-555-3	18755-43-6	Muta 1B Repr 1B	H340 H360Df	GHS08 Dgr	H340 H360Df			
<a href="#">Resorcinol</a> ; 1,3-benzenediol	203-585-2	108-46-3	Acute Tox. 4 STOT SE 1 Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1B Aquatic Acute 1	H302 H370 (nervous system) H315 H319 H317 H400	GHS07 GHS08 GHS09 Dgr	H315 H319 H317 H400		Oral: ATE = 500 mg/kg bw M = 1	
<a href="#">9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethylxanthylium chloride</a> ; Basic Red 1	213-584-9	989-38-8	Acute Tox. 3 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H301 H318 H317 H400 H410	GHS05 GHS06 GHS09 Dgr	H301 H318 H410		Oral ATE = 280 mg/kg bw M = 10 M = 1	
<a href="#">Picolinafen</a> (ISO)		137641-05-5	STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H373 (blood system, thyroid) H400 H410	GHS08 GHS09 Wng	H373 (blood system, thyroid) H410		M = 1000 M = 1000	
<a href="#">Dibutyltin maleate</a>	201-077-5	78-04-6	Muta. 2 Repr. 1B Acute Tox. 2 Acute Tox. 4 STOT RE 1 Skin Corr. 1 Eye Dam. 1	H341 H360FD H330 H302 H372 (immune system)	GHS08 GHS06 GHS05 Dgr	H314 H318 H341 H360FD H330 H302 H372 (immune system)		Inhalation: ATE = 0.317 mg/L (dusts or mists) Oral: ATE = 510 mg/kg bw	
<a href="#">Dibutyltin oxide</a>	212-449-1	818-08-6	Muta. 2 Repr. 1B Acute Tox. 3 STOT RE 1 Skin Irrit. 2 Eye Dam 1	H341 H360FD H301 H372 (immune system) H315 H318	GHS08 GHS06 GHS05 Dgr	H341 H360FD H301 H372 (immune system) H315 H318		Oral: ATE = 170 mg/kg bw	
<a href="#">Cymoxanil</a> (ISO)	261-043-0	57966-95-7	Repr. 2 Acute Tox. 4 STOT RE 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H361fd H302 H317 H373 (blood system, thymus, eyes) H400 H410	GHS08 GHS07 GHS09 Wng	H361fd H302 H317 H373 (blood system, thymus, eyes) H410		Oral: ATE = 360 mg/kg bw M = 1 M = 1	

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<a href="#">Tetrabromobisphenol-A (TBBPA)</a>	201-236-9	79-94-7	Carc 1B Aquatic Acute 1 Aquatic Chronic 1	H350 H400 H410	GHS08 GHS09 Dgr	H350 H410			
<a href="#">Sulphur dioxide</a>	231-195-2	7446-09-5	Press. Gas Acute Tox. 3 Skin Corr. 1B STOT SE 1	H331 H314 H370 (respiratory system, inhalation)	GHS04 GHS05 GHS06 GHS08 Dgr	H331 H314 H370 (respiratory system, inhalation)		Inhalation: ATE = 1000 ppmV (gases)	U, 5
<a href="#">Methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate; bifenox</a>	255-894-7	42576-02-3	Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	GHS07 GHS09 Wng	H302 H410		M = 1000 M = 1000	
<a href="#">1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</a>	220-120-9	2634-33-5	Acute Tox. 2 Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	H330 H302 H315 H318 H317 H400 H410	GHS06 GHS05 GHS09 Dgr	H330 H302 H315 H318 H317 H410		Oral: ATE = 450 mg/kg bw Inhalation: ATE = 0.21 mg/L (dusts or mists) Skin Sens. 1A; H317: C≥0.036% M = 1 M = 1	
<a href="#">1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.; Reaction mass of N-phenyl,N'-o-tolyl-phenylene diamine, N,N'-diphenylp-phenylene diamine and N,N'-di-o-tolyl-phenylene diamine</a>	273-227-8	68953-84-4	Skin Sens. 1 Repr. 1B	H317 H360FD	GHS07 GHS08 Dgr	H317 H360FD			
<a href="#">4-methylimidazole</a>	212-497-3	822-36-6	Carc. 1B Repr. 1B	H350 H360Fd	GHS08 Dgr	H350 H360Fd			
<a href="#">3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctan-1-ol</a>	211-477-1	647-42-7	STOT RE 2 Aquatic Chronic 1	H373 (teeth, bones) H410	GHS08 GHS09 Wng	H373 (teeth, bones) H410		M = 1	
<a href="#">Tetramethylene dimethacrylate</a>	218-218-1	2082-81-7	Skin Sens. 1B	H317	GHS07 Wng	H317			
<a href="#">7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate</a>	276-957-5	72869-86-4	Skin Sens. 1B	H317	GHS07 Wng	H317			
<a href="#">2,2'-ethylenedioxydiethyl dimethacrylate</a>	203-652-6	109-16-0	Skin Sens. 1B	H317	GHS07 Wng	H317			
<a href="#">2,2'-[[3-methyl-4-[(4-nitrophenyl)azo]phenyl]imino]bisethanol</a>	221-665-5	3179-89-3	Skin Sens. 1B	H317	GHS07 Wng	H317			
<a href="#">Benalaxy</a>	275-728-7	71626-11-4	Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	GHS09 GHS07 Wng	H302 H410		Oral; ATE = 1000 mg/kg bw M = 1 M = 1	

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<a href="#">Reaction mass of N,N'-ethane-1,2-diylbis(decanamide); 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl] octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide); [1] N,N'-Ethane-1,2-diylbis(12-hydroxyoctadecanamide)[Thixatrol plus] [2]</a>	430-050-2	n/a	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	GHS07 GHS09 Wng	H317 H410		M = 100 M = 10	
<a href="#">α-methyl-1,3-benzodioxole-5-propionaldehyde [1] (S)-α-methyl-1,3-benzodioxole-5-propionaldehyde; (2S)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [2] (R)-α-methyl-1,3-benzodioxole-5-propionaldehyde; (2R)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [3]</a>	214-881-6 [1] - [2] - [3]	1205-17-0 [1] 737776-68-0 [2] 737776-59-9 [3]	Skin Sens. 1B	H317	GHS07 Wng	H317			
<a href="#">2-[ethyl[3-methyl-4-[(5-nitrothiazol-2-yl)azo]phenyl]amino]ethanol [Disperse Blue 106]</a>	271-183-4	68516-81-4	Skin Sens. 1A	H317	GHS07 Wng	H317		Skin Sens. 1A; H317; C ≥ 0.001%	
<a href="#">Propyl 3,4,5-trihydroxybenzoate</a>	204-498-2	121-79-9	Acute Tox. 4 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	GHS07 GHS09 Wng	H302 H410		Oral: ATE=1700 mg/kg bw M = 1 M = 1	
<a href="#">(3E)-dec-3-en-2-one</a>	-	18402-84-1	Acute Tox. 4 Skin Irrit. 2 Aquatic Chronic 2	H332 H315 H411	GHS07 GHS09 Wng	H332 H315 H411		Inhalation: ATE = 1.5 mg/L (dusts or mists)	
<a href="#">Acetone oxime</a>	204-820-1	127-06-0	Carc. 1B Acute Tox. 4 STOT SE 3 STOT RE 2 Eye Dam. 1 Skin Sens. 1	H350 H312 H336 H373 (blood system) H318 H317	GHS08 GHS07 GHS05 Dgr	H350 H312 H336 H373 (blood system) H318 H317		Dermal: ATE = 1100 mg/kg bw	
<a href="#">Benthiavalicarb-isopropyl (ISO)</a>	-	177406-68-7	Carc. 1B Repr. 2 Skin Sens. 1 Aquatic Chronic 2	H350 H361d H317 H411	GHS08 GHS07 GHS09 Dgr	H350 H361d H317 H411			
<a href="#">2,3-epoxypropyl neodecanoate</a>	247-979-2	26761-45-5	Skin Sens. 1A Muta. 2	H317 H341	GHS07 GHS08 Wng	H317 H341		Skin Sens. 1A; H317; C ≥ 0.001%	
<a href="#">Multi-Walled Carbon Tubes (synthetic graphite in tubular shape) with a geometric tube diameter range ≥ 30 nm to &lt; 3 μm and a length ≥</a>	-	-	Carc. 1B STOT RE 1	H350i H372 (lung) (inhalation)	GHS08 Dgr	H350i H372 (lung) (inhalation)		STOT RE 1; H372 (lung)(inhalation): C ≥ 1 %	

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<a href="#">5 µm and aspect ratio &gt; 3:1, including Multi-Walled Carbon Nanotubes, MWC(N)T</a>								STOT RE 2; H373 (lung): 0.1 % ≤ C < 1 %	
<a href="#">Hexyl salicylate</a>	228-408-6	6259-76-3	Skin Sens. 1 Repr. 2	H317 H361d	GHS07 GHS08 Wng	H317 H361d			
<a href="#">7-oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptan-3-carboxylate</a>	219-207-4	2386-87-0	Skin Sens. 1 Muta. 2 STOT RE 2	H317 H341 H373 (nasal cavity)	GHS07 GHS08 Wng	H317 H341 H373 (nasal cavity)			
<a href="#">Tetrasodium 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulphonatooxy)ethylsulphonyl]phenyl]azo]naphthalene-2,7-disulphonate: [1] and Reaction products of 4-amino-5-hydroxynaphthalene-2,7-disulfonic acid, coupled twice with diazotized 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate, sodium salts; [2] and disodium 4-amino-5-hydroxy-3,6-bis{[4-(vinylsulfonyl)phenyl]diazenyl}naphthalene-2,7-disulfonate: [3]</a>	241-164-5 [1] - [2] - [3]	17095-24-8 [1] - [2] 100556-82-9 [3]	Resp. Sens. 1A Skin Sens. 1	H334 H317	GHS08 Dgr	H334 H317			
<a href="#">2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one</a>	438-340-0	119344-86-4	Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	H360Df H400 H410	GHS08 GHS09 Dgr	H360Df H410		M = 1 M = 1	
<a href="#">Formic acid ...%</a>	200-579-1	64-18-6	Flam. Liq. 3 Met. Corr. 1 Acute Tox. 4 Acute Tox. 3 Skin Corr. 1A Eye Dam. 1	H226 H290 H302 H331 H314 H318	GHS02 GHS05 GHS06 Dgr	H226 H290 H 302 H331 H314	EUH071	Flam. Liq. 3; H226: C > 85% Oral: ATE = 500 mg/kg bw Inhalation: ATE = 7.4 mg/l (vapours) Skin Corr. 1A; H314: C ≥ 90% Skin Corr. 1B; 314: 10% ≤ C < 90% Skin Irrit. 2; H315: 2% ≤ C < 10% Eye Dam. 1; H318: C ≥ 10% Eye Irrit. 2; H319: 2% ≤ C < 10%	B
<a href="#">Dicamba (ISO)</a>	217-635-6	1918-00-9	Acute Tox. 4 Acute Tox. 4 Eye Dam. 1 STOT SE 3 STOT SE 3	H332 H302 H318 H335 H336	GHS07 GHS05 GHS09 Dgr	H332 H302 H318 H335 H336		Inhalation: ATE = 4.0 mg/L Oral: ATE = 1500 mg/kg bw M = 1	

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			Aquatic Acute 1 Aquatic Chronic 2	H400 H411		H410			
<a href="#">Formaldehyde ...%</a>	200-001-8	50-00-0	Carc. 1B Muta. 2 Acute Tox. 4 Acute Tox. 2 Skin Corr. 1B Skin Sens. 1A;	H350 H341 H302 H330 H314 H317	GHS05 GHS06 GHS08 Dgr	H350 H341 H302 H330 H314 H317	EUH071	Inhalation: ATE = 100 ppmV (gases) Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 5 % ≤ C < 25 % Eye Irrit. 2; H319: 5 % ≤ C < 25 % STOT SE 3; H335: C ≥ 5 %	B, D, F
<a href="#">S-metolachlor (ISO)</a>	-	87392-12-9	Carc. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H317 H400 H410	GHS08 GHS07 GHS09 Wng	H351 H317 H410	EUH066	M = 10 M = 10	
<a href="#">Peracetic acid ...%</a>	201-186-8	79-21-0	Org. Perox. D Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1A Aquatic Acute 1 Aquatic Chronic 1	H242 H330 H310 H301 H314 H400 H410	GHS02 GHS06 GHS05 GHS09 Dgr	H242 H330 H310 H301 H314 H410	EUH071	Inhalation: ATE = 0.2 mg/L (dusts and mists) Dermal: ATE = 60 mg/kg bw Oral: ATE = 80 mg/kg bw STOT SE 3; H335: C ≥ 1 % M = 10 M = 100	B, D, T
<a href="#">Ethaneethiol: ethyl mercaptan</a>	200-837-3	75-08-1	Flam. Liq. 1 Acute Tox. 3 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1	H224 H331 H302 H400 H410	GHS02 GHS06 GHS09 Dgr	H224 H331 H302 H410		Inhalation: ATE = 7.1 mg/L (vapours) Oral: ATE = 680 mg/kg bw	
<a href="#">Trimethyl borate</a>	204-468-9	121-43-7	Flam. Liq. 3 Acute Tox. 4* Repr. 1B	H226 H312 H360FD	GHS02 GHS07 GHS08 Dgr	H226 H312 H360FD			