

RED X LIST



Chemicals of Concern

TIER 3: ASTHMAGENS, ALLERGENS & IRRITANTS

Disclose as a potential allergen so that the people who are impacted know and move away from if also listed on Tier 2

CAS Number	Chemical Name	PCP	FR	Respiratory/ Asthmagens	Skin Irritant	Eye Irritant	IFRA	DTSC list	Cancer	Endocrine	Health Outcomes of Greater Concern to Black Women: Diabetes
122-99-6	Phenoxyethanol	○	○		GHS 315	GHS 319	○				
140-11-4	Benzyl Acetate	○	○		GHS H315	GHS 6.4A					
97-63-2	Ethyl methacrylate		○	AOEC R	GHS 315	GHS 319	○				
7664-93-9	Sulfuric Acid		○	AOEC Rr	GHS 314	GHS 318	○	○			
7681-57-4	Sodium Metabisulfite		○	AOEC Rs		GHS 318	○				
78-70-6	Linalool	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
101-86-0	Octanal, 2-(phenylmethylene)-; Hexyl Cinnamal; hexyl cinnamaldehyde	○	○		EU Fragrance Allergen GHS 315		○				
79-92-5	Camphene	○	○			GHS 319	○				
5989-54-8	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)-	○	○		GHS 315		○				
55965-84-9	Isothiazolinone Chloride		○		GHS 314	GHS 318	○				

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127-91-3	beta-Pinene	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
4602-84-0	Farnesol	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
1948-33-0	TBHQ (2-tert-butylhydroquinone)		○		GHS 315	GHS 319	○				
26172-55-4	3(2H)-Isothiazolone, 5-chloro-2-methyl-		○		GHS 314		○				
64741-65-7	Naphtha (petroleum), heavy alkylate; Low boiling point modified naphtha		○		GHS 315	GHS 319	○	○			
80-56-8	α-Pinene	○	○		GHS 315	GHS 318	○				
8014-17-3	Citrus reticulata leaf oil		○		GHS 315	GHS 318 GHS 319	○				
586-62-9	Cyclohexene, 1-methyl-4-(1-methylethylidene)-; Terpinolene	○	○		GHS 315	GHS 318	○				
108-67-8	1,3,5-Trimethylbenzene		○		GHS 315	GHS 319	○	○			
76-22-2	Camphor	○	○		GHS 315	GHS 319	○				
99-87-6	p-Cymene	○	○		GHS 315	GHS 319	○				
122-40-7	Amyl cinnamal	○	○		EU Fragrance Allergen GHS 315		○				
8012-95-1 8042-47-5 , plus several dozen other CAS numbers related to petroleum products	Mineral oils Mineral oils, untreated and mildly treated (-)	○	○		GHS 315	GHS 319	○	○			
112-30-1	1-Decanol	○	○		GHS 315	GHS 319	○				
112-54-9	Dodecanal	○	○		GHS 315	GHS 319	○				
123-68-2	Hexanoic acid, 2-propenyl ester	○	○		GHS 315	GHS 319	○				
106-22-9	Citronellol; citral citronellol	○	○		EU Fragrance Allergen GHS 315	GHS 319	○	No			

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8007-48-5	Laurus nobilis L., oil from the seeds of		○		GHS 315	GHS 319	○				
105-67-9	2,4-Dimethylphenol		○		GHS 314	GHS 318	○	○			
103-41-3	Benzyl cinnamate		○		EU Fragrance Allergen		○				
120-51-4	Benzyl Benzoate	○	○		EU Fragrance Allergen		○				
127-51-5	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one; alpha-isomethyl ionone	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
64742-46-7	Distillates (petroleum), hydrotreated middle		○		GHS 315		○	○			
95-63-6	1,2,4-Trimethylbenzene		○		GHS 314 GHS 315	GHS 319	○	○			
112-05-0	Nonanoic acid	○	○		GHS 314 GHS 315	GHS 318 GHS 319	○				
112-31-2	Decanal	○	○		GHS 315	GHS 319	○				
5392-40-5	Citral	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
85-91-6	Methyl N-methyl anthranilate		○		GHS 315	GHS 319	○				
70445-33-9	Ethylhexylglycerin Polysilicone-11		○			GHS 318	○				
109-52-4	Pentanoic acid	○	○		GHS 314		○				
64-18-6	Formic Acid		○		GHS 314 GHS 315	GHS 318 GHS 319	○				
98-55-5	alpha-Terpineol	○	○		GHS 315	GHS 319	○				
87-44-5	Caryophyllene	○	○		GHS 315	GHS 319	○				
128-80-3	1,4-bis(p-Tolylamino)anthraquinone (Solvent Green 3; CI 61565) when used as a substance in hair dye products		○		GHS 315	GHS 319	○				
138-86-3	Limonene	○	○		GHS 315	GHS 319	○				
68551-12-2	Alcohol Ethoxylates (C12-16)		○		GHS 315	GHS 318	○				

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7785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	○	○		GHS 315	GHS 319	○				
134-20-3	Methyl anthranilate	○	○		GHS 315	GHS 319	○				
2216-51-5	Levomenthol	○	○		GHS 315	GHS 318 GHS 319	○				
105-54-4	Butanoic acid, ethyl ester	○	○		GHS 315	GHS 319	○				
111-27-3	1-Hexanol		○		GHS 315	GHS 319	○				
107-75-5	Hydroxycitronellal Octanal, 7-hydroxy-3,7-dimethyl-	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
1310-73-2	Sodium hydroxide	○	○		GHS 314	GHS 318	○	○			
79-14-1	Alpha-hydroxy acids		○		GHS 314	GHS 318					
69-72-7	Salicylic acid		○			GHS 318	○				
123-72-8	Butanal		○			GHS 319	○				
108-39-4	3-Methylphenol; m-Cresol		○		GHS 314	GHS 318	○	○			
71-41-0	1-Pentanol	○	○		GHS 315	GHS 318 GHS 319	○				
106-24-1	Geraniol	○	○		EU Fragrance Allergen GHS 315	GHS 318	○				
100-51-6	Benzyl alcohol	○	○		EU Fragrance Allergen GHS 315	GHS 318 GHS 319					
464-49-3	(+)-2-Bornanone	○	○		GHS 315	GHS 319	○				
104-54-1	Cinnamyl alcohol	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				
111-12-6	Methyl heptine carbonate; 2-Octynoic acid; methyl ester	○	○		EU Fragrance Allergen GHS 315		○				
107-41-5	hexylene glycol	○	○		GHS 315		○				
98-86-2	Acetophenone	○	○			GHS 319	○	○			

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50-21-5	Lactic acid		○		GHS 314 GHS 315	GHS 318 GHS 319	○				
79-33-4	Lactic acid		○		GHS 314 GHS 315	GHS 318 GHS 319	○				
6915-15-7	Glycolic acid		○		GHS 315	GHS 318 GHS 319	○				
77-92-9	Alpha-hydroxy acids		○		GHS 315	GHS 318 GHS 319	○				
541-85-5	5-Methyl-3-heptanone		○		GHS 315	GHS 319	○				
56-81-5	Glycerin		○		GHS 315	GHS 319	○				
105-13-5	Anisyl alcohol		○		EU Fragrance Allergen GHS 315	GHS 319	○				
97-99-4	Tetrahydrofurfuryl alcohol		○			GHS 319	○	○			
107-64-2	Distearyldimonium Chloride	○				GHS 318					
30007-47-7	5-bromo-5-nitro-1,3-dioxane (Bronidox C)	○			GHS 314	GHS 318					
1305-62-0	Calcium Hydroxide	○			GHS 315	GHS 318					
56-18-8	bis-aminopropyl dimethicone	○			GHS 314	GHS 318					
150-13-0	Para-aminobenzoic acid (PABA)	○			GHS 315	GHS 319					
106-97-8	Butane	○			EU Fragrance Allergen			○			
127087-87-0	4-Nonylphenol, branched, ethoxylated		○		GHS 315	GHS 319	○				
37205-87-1	Isononylphenol-ethoxylate		○		GHS 315	GHS 318 GHS 319	○				
141-43-5	Ethanolamine (Monoethanolamine)	○	○		GHS 314	GHS 318 GHS 319	○				○
9036-19-5	Glycols, polyethylene, mono((1,1,3,3-tet = Poly(oxy-1,2-ethanediyl). .alpha.-[(1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-		○		GHS 315	GHS 319	○				
57-10-3	n-Hexadecanoic acid	○	○		GHS 315	GHS 319	○				○
541-02-6	Cyclopentasiloxane, decamethyl- Cyclopentasiloxane Dow Silicone Q1401	○	○		GHS 315	GHS 319	○	○			

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118-60-5	2-Ethylhexyl salicylate	○	○		GHS 315		○				
91-64-5	Coumarin	○	○		EU Fragrance Allergen GHS 315	GHS 318	○				
85507-69-3	aloe barbadensis leaf extract / aloe vera	○			GHS 315	GHS 319			IARC Possible		
2682-20-4	methylisothiazolinone	○	○		GHS 314	GHS 318	○				
92-52-4	Biphenyl	○	○		GHS 315	GHS 319	○	○			
98-29-3	4-tert-Butylpyrocatechol		○		GHS 314	GHS 318	○			○	
87-22-9	Phenylethyl salicylate	○	○		GHS 315		○			○	
334-48-5	n-Decanoic acid; Ethanol, 2-butoxy-	○	○		GHS 315	GHS 319	○			○	
65-85-0	Benzoic acid	○	○		GHS 315	GHS 318	○			○	
112-27-6	Triethylene glycol	○	○		GHS 315	GHS 319	○			○	
98-52-2	Cyclohexanol, 4-(1,1- dimethylethyl)-		○			GHS 319	○			○	
2783-94-0	Fd&C Yellow 6		○		GHS 315	GHS 319	○			○	
118-61-6	Benzoic acid, 2-hydroxy-, ethyl ester	○	○		GHS 315	GHS 319	○				
90-12-0	1-Methylnaphthalene		○	EU EC H334	GHS 315	GHS 319	○	○			
55406-53-6	Carbamic acid, butyl, 3- iodo-2-propynyl ester	○			GHS 315	GHS 318				○	
120-72-9	Indole	○	○		GHS 315	GHS 318	○			○	
104-55-2	Cinnamal		○		EU Fragrance Allergen GHS 315	GHS 319	○			○	
89-83-8	Thymol	○	○	AOEC R	GHS 314		○				
8000-48-4	Eucalyptus oil		○	AOEC R	GHS 315	GHS 319	○				
89-78-1	menthol	○	○	AOEC R	GHS 315	GHS 318 GHS 319	○				

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68424-85-1	Benzalkonium chloride; Alkyl Benzyl Dimethyl Ammonium Chloride Mixture		○	AOEC Rs	GHS 314	GHS 318					
13466-78-9	3-Carene		○	AOEC Rs	GHS 315		○				
68391-01-5	Benzalkonium chloride; Alkyl Dimethyl Benzyl Ammonium Chlorides (C12 67% C14 25% C16 7% C8-C10-C18 1%)		○	AOEC Rs	GHS 314		○				
8001-54-5	Benzalkonium chloride		○	AOEC Rs	GHS 314						
61789-71-7	Benzalkonium chloride		○	AOEC Rs	GHS 314		○				
79-10-7	Acrylic Acid; carbomer	○		AOEC R	GHS 314	GHS 318				○	
1336-21-6	Ammonium Hydroxide	○		AOEC Rr & Rs	GHS 314	GHS 318					
5989-27-5	d-Limonene; limonene	○	○		EU Fragrance Allergen GHS 315		○				
97-53-0	Eugenol	○	○		EU Fragrance Allergen GHS 315	GHS 319	○				

Key:

CAS Number	Chemical Abstracts Service Number
COC	Chemical of Concern
PCP	Personal Care Product
FR	Fragrance Ingredient
IFRA	International Fragrance Association
DTSC	CA Department of Toxic Substance Control
○ (Under PCP/FR)	Indicates products containing COC
○ (All Health Effects)	Association supported by peer-reviewed literature
○ (Under IFRA/DTSC)	Indicates COC present on authoritative list