

RED X LIST

Chemicals of Concern FORMALDEHYDE RELEASING PRESERVATIVE

Key:

CAS #	Chemical Abstracts Service Number
GS Score	GreenScreen® for Safer Chemicals Score
AA	Acute Aquatic Toxicant
B	Bioaccumulative
C	Carcinogen
CA	Chronic Aquatic Toxicant
D	Developmental Toxicant
E	Endocrine Disruptor
IrE	Eye Irritant
P	Persistent
R	Reproductive Toxicant
SnS	Skin Sensitizer
ST RE	Specific Organ Toxicity, Repeated Exposure
ST SE	Specific Organ Toxicity, Single Exposure

The entire class of formaldehyde releasing preservative (FRP) should be avoided.

FRP means any preservative chemical that slowly releases formaldehyde to preserve a personal care product.

Chemical Name	CAS #	GS Score	Hazards
Urea, polymer with formaldehyde, isobutylated	68002-18-6	LT-UNK	P
1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol	4719-04-4	LT-UNK	ST SE, ST RE, AT, SnS, IRE, AA
Polyoxymethylene melamine	9003-08-1	LT-UNK	P
Tris (hydroxymethyl)-nitromethane	126-11-4	LT-UNK	
Methenamine	100-97-0	LT-P1	R, AT, SnS, SnR, IrS, IrE, P, F
Methylol urea	1000-82-4	LT-UNK	
MDM hydantoin	116-25-6	LT-UNK	
Dimethylolethyleneurea	136-84-5	LT-UNK	SnS
Benzylhemiformal	14548-60-8	BM-1	C, M, AT, ST SE, N, SnS, SnR, IrS, IrE, AA, CA
Dimethyloldihydroxyethyleneurea	1854-26-8	LT-UNK	ST SE, SnS, AA
Dimethylhydantoin formaldehyde resin	26811-08-5	LT-UNK	P
Preventol D2	2749-70-4	None	
N-Methylol-chloracetamide	2832-19-1	LT-UNK	C, SnS
Paraformaldehyde	30525-89-4	LT-P1	C, M, AT, SnS, IrS, IrE, AA, P, F
Dimethylolpropyleneurea	3270-74-4	None	
Glyoxalurea	3720-97-6	LT-UNK	
Bioban P-1487	37304-88-4	LT-UNK	
1,3-Dimethyl-4,5-dihydroxyethyleneurea	3923-79-3	LT-UNK	
Imidazolidinyl Urea	39236-46-9	LT-UNK	SnS, IrE, IrS
Quaternium 15	4080-31-3	LT-UNK	R, D, AT, SnS, IrE, IrS, P

Chemical Name	CAS #	GS Score	Hazards
Formaldehyde	50-00-0	BM-1	C, M, D, E, AT, ST SE, ST RE, SnS, SnR, IrE, IrS, AA, CA
Bronopol	52-51-7	LT-P1	E, AT, ST SE, SnS, IrE, IrS, AA
Tetramethylol acetylenediurea	5395-50-6	LT-UNK	SnS
4,4'-Methylenedimorpholine	5625-90-1	LT-1	C, M, AT, ST RE, SnS, IrS, IrE
DMDM hydantoin	6440-58-0	BM-1	C, M, ST SE, SnS, SnR, IrS, AA, CA
N,N'-Methylenebis(5-methyloxazolidine)	66204-44-2	LT-UNK	AT, SnS, IrS, IrE
Dihydroxydimethylethyleneurea, methylated	68411-81-4	None	
sodium hydroxymethylglycinate (Propyleneglycol hemiformal)	70161-44-3	LT-UNK	SnS, IrS, IrE
Forcide 78 I	77044-78-1	None	
Bioban CS-1246	7747-35-5	LT-UNK	SnS
1,3,5-Triethylhexahydro-s-triazine	7779-27-3	LT-UNK	C, AT, IrS, IrE
Diazolidinylurea	78491-02-8	LT-UNK	SnS, IrS, IrE
Bioban CS-1135	81099-36-7	None	
2-chloro-N-(hydroxymethyl)-acetamide	16228-00-5	None	
Urea, bis(hydroxymethyl)	25155-29-7	LT-UNK	
DMHF	9065-13-8	None	
N-methylethanolamine	34375-28-5	LT-P1	
Glyoxal	107-22-2	LT-UNK	C, M, AT, SnS, IrS, IrE, AA
Methylene glycol	463-57-0	None	
methylal	109-87-5	LT-UNK	D, ST, IrS, IrE, P
Dimethylol urea	140-95-4	LT-UNK	
Polyoxymethylene	9002-81-7	None	
Quaternium 15	51229-78-8	LT-P1	R, D, AT, SnS, IrS, IrE, CA, F
Timonacic acid	60731-25-1	None	
Poly(p-toluenesulfonamide-co-formaldehyde) -PTSAF	25035-71-6	LT-UNK	P
Tris(N-hydroxyethyl) hexahydrotriazine	25254-50-6	LT-P1	
Polyoxymethylene Urea	9011-05-6	LT-P1	SnS, SnR, P
5-Bromo-5-nitro-1,3-dioxane	30007-47-7	LT-P1	AT, SnS, IrS, IrE, AA



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