

FOMULATION COFORMULANTS UNDER THREAT

#	Name	CAS	Germ						US (U)	comments
			Brazil (B)	China (C)	any (G)	Israel (I)	Spain (S)			
1	Dichloromethane	75-09-2		C>1%				S	Methylene chloride	
2	Epichlorhydrin	106-89-8		C>1%			I	S		
3	Formaldehyde	50-00-0					I	S	U	
4	Isophorone	78-59-1		C>1%				S	U	
5	Methanol	67-56-1		C>5%				S		
6	Naphthalene	91-20-3		C>1%				S		
7	N-hexane	110-54-3		C>5%				S		
8	N-methyl-2-pyrrolidone	872-50-4	B	C	G		I	S		
9	Nonylphenol	25154-52-3,104-40-5		C			I	S	U	
10	4-nonylphenol, branched	84852-15-3		C				S		
11	Nonylphenol Ethoxylate	009016-45-9 etc.,								
12	Toluene	009036-19-5 etc.	B	C	G		I			
13	Tetrahydrofurfuryl alcohol	108-88-3		C>1%				S		
		97-99-4						S	THFA	
		e.g. 64742-54-7, 64742-55-8, 64742-94-5, 64741-65-7, 64742-95-6 and others.								
14	Oil Derived substances		B		G			S	Benzene>0.1%, 1,3 butadiene>0/1%, DMSO extract>3% Benzopyrene.0.005%, Naphthalene>1%, Toluene>3% >0.1% particles larger than 50µ (respirable)	
15	Quartz-Crystalline silica	14808-60-7						S	Crystalline Silica>0.1% particles larger than 50µ (respirable)	
16	Kaolin	1332-58-7						S	Crystalline Silica>0.1% particles larger than 50µ (respirable)	
17	Diatomaceous earth (Kieselgur)	61790--53-2						S	Fibers of Attapulgit longer than 5µ, Quartz<1% (not <0.1%). Suspected Palygorscite CAS 12174-11-7	
18	Attagel 40	71396-54-8						S	Should not contain asbestiform fibers (certificate needed)	
19	Talc	14807-96-6						S		
20	1-methoxy-2-propanol	107-98-2	B	C>1%	G				Containing >0.3% 2-methoxypropanol. A cosolvent in Glufosinate SL formulations.	
21	Tallowalkyamines ,ethoxylated	61791-26-2			G				Adjuvant for Glyphosate	
22	Tallowalkyl aminesamines ,ethoxylated,propoxylated	68213-26-3			G					
		1330-43-4, 1303-								
23	Borax, Anhydrous, Pentahydrate and Decahydrate	96-4, 12179-04-3	B		G				In Us max 2% w/w. Usually the content in ethoxylated non-ionic surfactants is 10-250 ppm. Consider the use in seed treatment formulations.	
24	Ethylene Oxide	75-21-8	B		G>1%					
25	Rhodamine B	81-88-9		C						
26	Ethyleneglycolmonomethyl ether (Methyl cellosolve, methyl Glycol)	109-86-4		C					Banned	
27	Ethyleneglycolmonoethyl ether (Ethyl cellosolve, Ethyl Glycol)	110-80-5	B	C			I		U Banned	
28	Ethyleneglycolmonobutyl ether (Butyl cellosolve, Butyl Glycol)	11-76-2		C					>1%	
29	Cyclohexanone	108-94-1		C					>10%	
30	Dimethyl Formamide	68-12-2	B	C			I	S	China-banned	
31	Diethanolamine	111-42-2		C					>1%	
32	Diethyleneglycolmonobutyl ether	112-34-5		C					>3%	
33	Diethyleneglycolmonoethyl ether	111-90-0		C					>3%	
34	Diethyleneglycolmonomethyl ether	111-77-3		C					>3%	
35	Dipropyleneglycolmonomethyl ether	107-98-2		C					>1%	
36										
37	Methylbutylketone	108-10-1		C					>1%	
38	Propylene glycol monobutyl ether	29387--86-8		C					>1%	
39	Triethanolamine	102-71-6		C					>5%	
40	Xylene	1330-20-7		C					>10%	
41	1,2-benzisothiazolin-3-one	2634-33-5		C					>0.1% (Proxel GXL)	
42	5-chloro-2-methyl-4-isothiazolin3-one (in combination with 2-methyl-4-isothiazolin3-one)	26172-55-4+2682-20-4		C					>0.0022%. Mergal K9n, Preventol D7.	
43	Tributylphosphate	126-73-8		C					>1%	
44	O-Dichlorobenzene	95-50-1		C					>1%	
45	Chlorobenzene	108-90-7		C					>1%	
46	Dioxane	123-91-1		C					>1%. (small amounts maybe found in ethoxylated non-ionic surfactants)	

47	Toluene diisocyanate	26471-62-5	C				>0.1% (monomer in some microencapsulated products prepared by interfacial polymerization.)
48	Titanium dioxide	13463-67-7		G		S	
49	Chlorinated solvents, Chlorinated-Fluorinated solvents			G	I	S	U No to be used unless previously confirmed.
50	Methyl-ethyl ketone	78-93-3			I		U
51	Tetrahydrofuran	109-99-9			I		U
52	4,4-Methylenedi(phenyl isocyanate)	101-68-8			I		U Monomer in some microencapsulated products prepared by interfacial polymerization.
53	Methyl naphthalene	1321-94-4			I		U Present in C12 aromatic solvents (Solvesso 200 or Aromatics 200)
54	Propionaldehyde	123-38-6			I		U