

GESAMP/EHS Composite List
2014

ANNEX 4

GHPs for NEW SUBSTANCES SUBMITTED FOR EVALUATION to GESAMP/EHS 51

1 This annex sets out the GESAMP hazard profiles (GHP) assigned for the products submitted to the current session. The respective substances and their GHPs are summarized in the table.

ANNEX 4 - NEW SUBSTANCES SUBMITTED FOR EVALUATION (GESAMP Hazard Profile)

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EHS Name TRN Name	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3
	(5)	(5)	(5)	(5)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No
Alkanes (C10-C17), linear and branched	2463	(5)	NI	(5)	R	0	1	0	0	(0)	0	0	A	F	3
Renewable Aviation Fuel	3815		RTECS No												
Alkanes (C5 - C7), linear and branched	2464	(5)	NI	(5)	(R)	(3)	(0)	0	0	0	2	0	NA	E	2
Renewable Naphtha	3799		RTECS No												
Cyclohexane oxidation products, sodium salts solution	2458	0	NI	0	Inorg	1	0	0	(0)	(0)	0	0		D	0
Sodium carboxylate solution	3739		RTECS No												
Diethylenetriamine pentaacetic acid, pentapotassium salt solution (40%) (**)	2466	1	NI	1	NR	2	NI	NI	NI	NI	NI	NI		D	NI
	3929		RTECS No												
Diethylenetriamine pentamethylene phosphonic acid, pentasodium salt solution (47%) (**)	2467	0	NI	0	R	2	NI	NI	NI	NI	NI	NI		D	NI
	3930		RTECS No												
n-Dodecyl mercaptan	2462	5	3	3	NR	5	NI	0	0	(3)	3	(3)	S	F	3
n-Dodecyl Mercaptan	3743		RTECS No												
Naphthalene, crude (molten) (#)	2459	NI	(3)	(3)	NR	3	0	0	(0)	(2)	2	2	CMT	Fp	3
Raw Naphthalene, molten	3858		RTECS No										85117-10-8		
n-Octyl mercaptan	2461	4	3	3	NR	5	NI	1	0	(1)	1	0	S	F	3
n-Octyl Mercaptan	3742		RTECS No												
Poly N-alkylmethacrylamide ammonium acrylate copolymer (20 % in DEGME) (**)	2468	0	NI	0	NR	2	NI	NI	NI	NI	NI	NI		D	NI
	3931		RTECS No												
Potassium carbonate solution	2465	Inorg	0	0	Inorg	2	NI	0	0	(0)	2	2		D	2
	3928		RTECS No												

ANNEX 5

UPDATED GESAMP COMPOSITE LIST

Notes:

- 1 The Composite List, sets out both the EHS and TRN (shipping) names for each product. The alphabetical listing of the products is based on EHS names.
- 2 Any changes introduced into the table since the last issue of the Composite List are highlighted in grey.
- 3 Entries with an EHS name marked with a single asterisk (*) represent cleaning additive components for which only a partial hazard profile have assigned. These profiles **cannot be used** for mixture calculations in relation to bulk shipments.
- 4 Entries with an EHS name marked a double asterisk (**) represent mixture components for which only a partial hazard profile has been assigned. These profiles **may be used** for mixture calculations in relation to bulk shipments.
- 5 Entries with an EHS name marked with a hash mark (#) reflect that for the **C3 rating**, the product, as a vapour rather than an aerosol or mist, could be considered to have a lower inhalation hazard for the purposes of risk management.

**ANNEX 5 - GESAMP/EHS COMPOSITE LIST
GESAMP Hazard Profiles**

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3
Acetic acid	13	0	0	0	R	1	NI	1	1	1	3C	3		D		3
Acetic acid	64	RTECS No	AF1225000					CAS No	64-19-7							
Acetic anhydride	12	0	0	0	R	1	NI	1	0	2	3	3	A	D		3
Acetic anhydride	65	RTECS No	AK1925000					CAS No	108-24-7							
Acetochlor (ISO)	2047	3	2	2	NR	4	NI	1	0	(1)	0	0		S		2
Acetochlor	66	RTECS No	AB5457000					CAS No	34256-82-1							
Acetone	15	0	0	0	R	0	0	0	0	0	1	2		NT	DE	2
Acetone	67	RTECS No	AL3150000					CAS No	67-64-1							
Acetone cyanohydrin	14	0	0	0	R	4	NI	3	4	3	(3)	(3)		D		3
Acetone cyanohydrin	68	RTECS No	OD9275000					CAS No	75-86-5							
Acetonitrile	16	0	0	0	R	1	NI	1	1	2	1	2		D		2
Acetonitrile	69	RTECS No	AL7700000					CAS No	75-05-8							
Acetonitrile (Low purity grade)	2333	0	NI	0	R	3	NI	1	1	2	1	2		D		2
Acetonitrile (Low purity grade)	2876	RTECS No						CAS No								
Acid mixtures (nitrating acid)	289	Inorg	NI	0	Inorg	(2)	NI	3	3	4	3C	3		D		3
Nitrating acid (mixture of sulphuric and nitric acids)	497	RTECS No						CAS No								
Acrylamide	23	0	0	0	R	2	0	2	2	(2)	1	2	CMNS	D		3
Acrylamide solution (50% or less)	70	RTECS No	AS3325000					CAS No	79-06-1							
Acrylic acid	24	0	0	0	R	4	NI	2	2	2	3C	3		D		3
Acrylic acid	71	RTECS No	AS4375000					CAS No	79-10-7							
Acrylic acid / dimethylallylammonium chloride copolymer, partial sodium salt (Mwt 1500-4000, aqueous solution)	2406	0	NI	0	R	0	0	0	0	(0)	0	0		D		0
Acrylic acid / dimethylallylammonium chloride copolymer, partial sodium salt (Mwt 1500-4000, aqueous solution)	3682	RTECS No						CAS No								
Acrylic acid/ethenesulfonic acid copolymer with phosphonate groups, sodium salt (aqueous solution)	2417	0	NI	0	NR	0	NI	0	(0)	(0)	0	0		D		0
Acrylic acid / ethenesulfonic acid copolymer with phosphonate groups, sodium salt solution	3693	RTECS No						CAS No								
Acrylonitrile	25	0	2	2	NR	3	0	2	3	3	2	2	CSM	NT	DE	3
Acrylonitrile	72	RTECS No	AT5250000					CAS No	107-13-1							
Acrylonitrile-styrene copolymer dispersion in polyether polyol (LOA)	1432	NI	0	0	NI	1	NI	0	(0)	(0)	0	(0)		S		0
Acrylonitrile-Styrene copolymer dispersion in polyether polyol	73	RTECS No						CAS No								
Adiponitrile	26	0	0	0	R	1	NI	3	(3)	3	3	(3)		FD		3

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EHS Name TRN Name	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3
TRN	RTECS No	RTECS No	RTECS No	AV2625000	CAS No	111-69-3									
Adiponitrile	74														
Alachlor (ISO)	1488	3	3	3	NI	4	1	0	(2)	1	0	CS	S		3
Alachlor technical (90% or more)	75				AE1225000										
Alcoholic beverages	293	0	0	0	R	0	0	0	0	0	0	1	D		1
Alcoholic beverages, n.o.s.	85														
Alcoholic silicasol	2198	0	0	0	R	0	0	0	0	1	2		DE		2
Tetraethyl silicate monomer/oligomer (20% in ethanol)	2475														
Alcohol(C12-C16) poly(20 and above)ethoxylates	1482	4	(3)	(3)	R	2	0	(0)	(2)	2	1		D		2
Alcohol (C12-C16) poly(20+)ethoxylates	78														
Alcohol(C6-C17)(secondary) poly(3-6)ethoxylate	722	4	3	3	R	4	2	0	(0)	(3)	2		D		3
Alcohol (C6-C17) (secondary) poly(3-6)ethoxylates	81														
Alcohol(C6-C17)(secondary) poly(7-12)ethoxylate	295	3	3	3	R	4	1	1	0	(3)	3		D		3
Alcohol (C6-C17) (secondary) poly(7-12)ethoxylates	80														
Alcohol(C8-C11) poly(2.5-9)ethoxylates	2094	3	3	3	R	3	NI	1	0	(2)	(2)		D		2
Alcohol (C9-C11) poly (2.5-9) ethoxylate	2209														
Alcohol(C12-C16) poly(1-6)ethoxylates	294	5	3	3	R	4	1	0	0	(2)	2		FD		2
Alcohol (C12-C16) poly(1-6)ethoxylates	77														
Alcohol(C12-C16) poly(7-19)ethoxylates	1481	4	3	3	R	4	1	1	0	(3)	3		D		3
Alcohol (C12-C16) poly(7-19)ethoxylates	79														
Alcohol(C12 – C14)poly(2)ethoxylate sulfate, sodium salt (*)	2419	2	NI	2	R	3	NI	NI	NI	NI	NI		NI		NI
Alcohols (C8-C11)	3695														
Alcohols (C8-C11), primary, linear and essentially linear	2279	5	2	2	(R)	(3)	(1)	(0)	(0)	(2)	(2)		Fp		2
Alcohols, C13 and above as individuals and mixtures	2887														
Alcohols (C13+)	2039	5	2	2	R	4	1	0	0	(1)	(1)		Fp		2
Alcohols, C10-C16 ethoxylated propoxylated (*)	86														
Alcohols (C12-C13), linear	2450	0	NI	0	R	3	NI	NI	NI	NI	NI		NI		NI
Alcohols (C12-C13), primary, linear and essentially linear	3868														
Alcohols (C12-C13), primary, linear and essentially linear	2294	5	2	2	R	4	(1)	0	0	(1)	1		Fp		2
Alcohols (C14-C18), linear	2950														
Alcohols (C14-C18), linear	2293	5	2	2	R	0	1	0	0	(1)	1		Fp		2

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
		RTECS No											CAS No				
Alcohols (C14-C18), primary, linear and essentially linear	2951																
Alcohols, linear (C10-C14)	2365	(5)	(2)	(2)	(R)	(4)	(1)	0	0	(2)	(2)	(2)				Fp	2
Decyl/Dodecyl/Tetradecyl alcohol mixture	3128		RTECS No											CAS No			
Alkanes (C6-C9)	2202	(5)	NI	(5)	(R)	(4)	NI	(0)	(0)	(1)	(2)	(2)	N			FE	2
Alkanes (C6-C9)	88		RTECS No											CAS No			
Iso- and cyclo-alkanes (C10-C11)	2203	(5)	NI	(5)	NI	(0)	(0)	(0)	(0)	(1)	(1)	(0)				F	1
Iso- and cyclo-alkanes (C10-C11)	393		RTECS No											CAS No			
Iso- and cyclo-alkanes (C12+)	2204	(5)	NI	(5)	NI	(0)	NI	0	0	(1)	(0)	(0)	A		NI		2
Iso- and cyclo-alkanes (C12+)	394		RTECS No											CAS No			
Alkanes (C10-C17), linear and branched	2463	(5)	NI	(5)	R	0	1	0	0	(0)	0	0	A		F		3
Renewable Aviation Fuel	3815		RTECS No											CAS No			
Alkanes(C10 -C26), linear and branched	2392	0	NI	0	R	0	NI	0	0	(1)	1	1	A		F		3
Alkanes(C10-C26), linear and branched, (flashpoint >60°C)	3562		RTECS No											CAS No			
Alkanes (C5 - C7), linear and branched	2464	(5)	NI	(5)	(R)	(3)	(0)	0	0	0	2	0	NA		E		2
Renewable Naphtha	3799		RTECS No											CAS No			
n-Alkanes (C9-C11)	2449	(5)	NI	(5)	R	0	(0)	0	0	(2)	1	0	A		F		3
n-Alkanes (C10-C20)	3867		RTECS No											CAS No			
n-Alkanes (C10+)	296	(5)	NI	(5)	(R)	(0)	(0)	(0)	(0)	(1)	(1)	(0)	A		F		3
Alkane (C14-C17) sulphonic acid, sodium salt	471		RTECS No											CAS No			
Sodium alkyl (C14-C17) sulphonates (60-65% solution)	334	2	2	2	R	3	1	0	0	(2)	2	2			D		2
Alkaryl polyether (C9-C20) (LOA)	1153		RTECS No											CAS No			
Alkaryl polyethers (C9-C20)	1974	4	NI	4	NR	3	NI	0	0	(3)	2	3			S		2
Alkenoic acid ester, borated	90		RTECS No											CAS No			
Alkenoic acid ester, borated	2376	5	(3)	(3)	R	2	NI	0	0	(2)	2	0			Fp		2
Alkenylamide, long chain, more than C10	3153		RTECS No											CAS No			
Alkenyl (C11+) amide	1858	3	NI	3	(NR)	4	NI	0	(0)	(1)	0	1			Fp		2
Alkenyl succinic anhydride	838		RTECS No											CAS No			
Alkenyl (C16-C20) succinic anhydride	298	0	0	0	NR	1	NI	0	0	(2)	2	(2)	S		FD		2
Alkyl acrylate/Vinyl pyridine copolymer in toluene	2336		RTECS No											CAS No			
Alkyl acrylate/Vinyl pyridine copolymer in toluene	299	2	2	2	R	2	0	0	0	(2)	2	2	RNA		F/Fp		3

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	94		
																	RTECS No	CAS No	
Alkyl acrylate-vinylpyridine copolymer in toluene																			
Alkyl/cyclo(C4-C5)alcohols	2447	(1)	(1)	(1)	(R)	(2)	(0)	(1)	(1)	(2)	(2)	(3)							FED 3
	3825	RTECS No																	
Alkyl amine, alkenyl acid ester, mixture	1433	NI	NI	NI	NI	1	NI	(0)	(0)	NI	NI	NI	S						Fp 3
Alkyl(C8+)amine, Alkenyl (C12+) acid ester mixture	98	RTECS No																	
Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)	2267	4	4	4	R	4	4	0	0	(1)	1	0							S 1
Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)	280	RTECS No																	
Alkylated phenols (C4-C9)	2273	0	2	0	NR	1	0	1	0	(2)	1	1							Fp 2
Alkylated (C4-C9) hindered phenols	2575	RTECS No																	
Alkyl benzene distillation bottoms	300	0	2	2	NR	0	(3)	0	0	1	1	1							Fp 2
Alkyl benzene distillation bottoms	3106	RTECS No																	
Alkyl (C12-C15) benzene/indane/indene mixture	1872	0	4	4	NR	0	NI	0	0	0	0	2							FE 2
Alkylbenzene, alkylindane, alkylindene mixture (each C12-C17)	103	RTECS No																	
Alkylbenzene mixtures (containing at least 50% of toluene)	2303	(2)	(2)	(2)	(R)	(3)	(0)	0	0	(2)	2	2	ACMNR						FE 3
Alkylbenzene mixtures (containing at least 50% of toluene)	2909	RTECS No																	
Alkyl (C3-C4) benzenes	2206	(3)	NI	(3)	R	4	NI	0	0	(2)	(2)	(1)							FE 2
Alkyl (C3-C4) benzenes	91	RTECS No																	
Alkyl (C5-C8) benzenes	2207	5	4	4	(NR)	4	NI	0	0	(2)	(2)	(1)							F 2
Alkyl (C5-C8) benzenes	92	RTECS No																	
Alkyl benzenes, C9-C17 (straight or branched)	1783	0	4	4	NR	1	NI	0	(0)	(1)	(1)	(1)							F 1
Alkyl(C9+)benzenes	100	RTECS No																	
Alkylbenzenes mixture (containing less than 1% naphthalene)	2423	3	3	3	NR	4	NI	0	0	(2)	2	1	AC						F 3
Alkylbenzenes mixture (containing less than 1% naphthalene)	3600	RTECS No																	
Alkylbenzenes mixtures (containing naphthalene)	2424	(3)	(3)	(3)	(NR)	(4)	NI	0	0	(1)	1	1	AC						F 3
Alkylbenzenes mixture (containing naphthalene)	3698	RTECS No																	
Alkyl(C11-C13)benzenesulphonates, straight chain	301	3	3	3	R	3	1	1	(1)	(3)	2	3							FD 3
Alkylbenzene sulphonic acid, sodium salt solution	102	RTECS No DB4370000																	
Alkyl dithiocarbamate (C19-C35)	2236	0	NI	0	NI	1	NI	0	0	(0)	0	0							S 0
Alkyl dithiocarbamate (C19-C35)	2538	RTECS No																	
Alkyl dithio thiadiazole (C6-C24) (LOA)	1981	5	NI	5	NR	1	NI	0	0	(0)	0	0							S 2

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3
		RTECS No	RTECS No	RTECS No					CAS No							
Alkyldithiothiadiazole (C6-C24)	104															
Alkyl(C4-C20) ester copolymer (LOA)	1986	NI	0	0	NR	0	NI	0	0	(0)	0	0				Fp
Alkyl ester copolymer (C4-C20)	2202															
Alkyl naphthalenes, crude (containing less than 1% naphthalene)	2425	4	4	4	R	4	NI	0	0	(1)	1	1	AC			F
Alkyl naphthalenes (containing less than 1% naphthalene), crude	3601															
Alkyl naphthalenes, crude (containing naphthalene)	2426	(4)	(4)	(4)	(R)	(4)	NI	0	0	(1)	1	1	AC			F
Alkyl naphthalenes (containing naphthalenes), crude	3699															
Alkyl (C7-C9) nitrates	8	4	NI	4	NR	3	NI	0	0	(3)	2	(3)	S			F
Alkyl (C7-C9) nitrates	93															
Alkyl(C8-C40)phenol sulphide (LOA)	1985	0	NI	0	NR	0	NI	0	0	(1)	1	1				FD
Alkyl (C8-C40) phenol sulphide	2253															
Alkyl(C8-C9)phenylamine, in aromatic solvent (LOA)	2096	2	NI	2	NR	3	NI	(0)	(0)	(2)	2	2				S
Alkyl (C8-C9) phenylamine in aromatic solvents	2200															
Alkyl (C9-C15) phenyl propoxylate	2188	0	NI	0	NR	0	NI	0	0	(2)	2	2				FD
Alkyl (C9-C15) phenyl propoxylate	2430															
Alkyl[(C8-C10)/(C12-C14)](<40%/>60%)polyglucoside mixture solution (max 55% active material)	2134	3	NI	3	R	3	0	0	0	(3)	2	3				D
Alkyl (C8-C10)/(C12-C14);(<40% or less/60% or more) polyglucoside solution (55% or less)	2248															
Alkyl[(C8-C10)/(C12-C14)](>60%/<40%)polyglucoside mixture solution (max 55% active material)	2135	3	NI	3	R	2	0	0	0	(2)	2	2				D
Alkyl (C8-C10)/(C12-C14);(60% or more/40% or less) polyglucoside solution(55% or less)	2246															
Alkyl(C8-C10)polyglucoside solution (max 65% active material)	2136	1	NI	1	R	2	0	0	0	(2)	2	2				D
Alkyl (C8-C10) polyglucoside solution (65% or less)	2245															
Alkyl (C8-C10)/(C12-C14);(50%/50%) polyglucoside solution (55% or less)	2133	3	NI	3	R	2	0	0	0	(3)	2	(3)				D
Alkyl (C8-C10)/(C12-C14);(50%/50%) polyglucoside solution (55% or less)	2247															
Alkyl(C12-C14)polyglucoside solution (max 55% active material)	2137	3	NI	3	R	3	0	0	0	(3)	2	3				D
Lauryl polyglucose (50% or less)	416															
Alkyl(C12-C14)polyglucoside solution (max 55% active material)	2137	3	NI	3	R	3	0	0	0	(3)	2	3				D
Alkyl (C12-C14) polyglucoside solution (55% or less)	2249															
Alkylsulphonic acid ester of phenol (MESAMOLL)	1878	5	NI	5	NR	0	NI	0	(0)	(0)	0	0				S
Alkyl sulphonic acid ester of phenol	1701															
Alkyltoluenes	2374	0	2	2	NR	0	NI	0	(0)	(1)	0	1				Fp

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	CAS No			
																	RTECS No	CAS No		
Alkyl (C18+) toluenes	3148																			
Alkyl(C18-C28)toluenesulfonic acid (>90% in mineral oil)	2429	0	4	4	NR	3	NI	0	0	(3)	2	3	S						Fp	3
Alkyl(C18-C28)toluenesulfonic acid	3658																			
Alkyl(C18-C28)toluenesulfonic acid, calcium salts, borated (up to 70% in mineral oil)	2404	0	4	4	NR	0	NI	(0)	(0)	(1)	(1)	(1)	S						S	2
Alkyl(C18-C28)toluenesulfonic acid, calcium salts, borated	3661																			
Alkyl(C18-C28)toluenesulfonic acid, calcium salts, high overbase (up to 70% in mineral oil)	2373	(0)	(4)	(4)	(NR)	(0)	NI	0	0	(0)	0	0	S						S	2
Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase	3149																			
Alkyl(C18-C28)toluenesulfonic acid, calcium salts, low overbase (up to 60% in mineral oil)	2409	0	4	4	NR	0	NI	0	0	(2)	2	0	S						Fp	3
Alkyl (C18-C28) toluenesulfonic acid, calcium salts, low overbase	3685																			
Allyl alcohol	28	0	0	0	R	4	NI	2	3	3	2	3	A						D	3
Allyl alcohol	105																			
Aluminium chloride/hydrogen chloride solution	336	Inorg	NI	2	Inorg	3	1	1	(0)	3	(3C)	3	D						D	3
Aluminium chloride (30% or less)/Hydrochloric acid (20% or less) solution	110																			
Aluminium hydroxide, sodium hydroxide, sodium carbonate solution (40% or less)	2438	Inorg	0	0	Inorg	3	NI	0	0	(3)	3B	(3)	D						D	3
Aluminium hydroxide, sodium hydroxide, sodium carbonate solution (40% or less)	3807																			
Aluminium sulphate solution	2205	Inorg	Inorg	2	Inorg	3	1	1	(0)	(3)	(2)	(3)	D						D	3
Aluminium sulphate solution	111																			
2-(2-Aminoethoxy) ethanol	75	0	0	0	NR	1	0	0	1	(3)	3	3	D						D	3
2-(2-Aminoethoxy) ethanol	37																			
Aminoethylethanolamine	68	0	0	0	NR	1	0	0	0	(3)	3B	2	S						D	3
Aminoethyl ethanolamine	112																			
Aminoethylethanolamine/Aminoethyldiethanolamine solution	74	Inorg	0	0	NR	1	0	(0)	(0)	(3)	(3B)	(2)	S						D	3
Aminoethyldiethanolamine/Aminoethylethanolamine solution	113																			
N-Aminoethylpiperazine	88	0	0	0	NR	1	NI	0	2	(3)	3	3	S						D	3
N-Aminoethylpiperazine	472																			
2-Amino-2-(hydroxymethyl)-1,3-propanediol solution(40% or less)	89	0	NI	0	NI	1	NI	0	0	NI	NI	NI	D						D	NI
2-Amino-2-hydroxymethyl-1,3-propanediol solution (40% or less)	38																			
2-Amino-2-methyl-1-propanol	90	0	0	0	NR	1	NI	0	0	(3)	3	3	DE						D	3
2-Amino-2-methyl-1-propanol	39																			
Ammonia (anhydrous and aqueous, 28% or less)	91	0	0	0	R	3	2	1	(2)	3	3	3	DE						D	3

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		RTECS No	RTECS No	BO0875000	CAS No	7664-41-7										
Ammonia aqueous (28% or less)	114															
Ammonium bisulphite solution, greater than 15%	1730	NI	NI	NI	NI	1	NI	NI	NI	NI	2	2				D 2
Ammonium bisulphite solution (70% or less)	115	RTECS No	RTECS No	WT3595000	CAS No	10192-30-0										
Ammonium chloride solution (less than 25%)	2388	0	NI	0	Inorg	1	0	0	(0)	(2)	2	2				D 2
Ammonium chloride solution (less than 25%) (*)	3411	RTECS No	RTECS No	BP4550000	CAS No	12125-02-9										
Ammonium lignosulphonate (46% solution in water)	2086	0	NI	0	NR	0	NI	0	(0)	(0)	0	0				D 0
Ammonium lignosulphonate solutions	118	RTECS No	RTECS No		CAS No	8061-53-0										
Ammonium nitrate solutions	1912	Inorg	0	0	Inorg	1	NI	0	0	(2)	1	2				D 2
Ammonium nitrate solution (93% or less)	119	RTECS No	RTECS No		CAS No											
Ammonium polyphosphate solution	1764	Inorg	0	0	Inorg	1	NI	0	0	0	1	0				D 1
Ammonium polyphosphate solution	120	RTECS No	RTECS No		CAS No	10-34-0										
Ammonium sulphate	99	0	0	0	Inorg	1	(0)	0	(0)	(0)	0	0				D 0
Ammonium sulphate solution	121	RTECS No	RTECS No	BS4500000	CAS No	7783-20-2										
Ammonium sulphide soln.(45% or less)	310	Inorg	0	0	Inorg	3	NI	1	0	(2)	2	2	N			D 2
Ammonium sulphide solution (45% or less)	122	RTECS No	RTECS No	BS4900000	CAS No	12124-99-1										
Ammonium thiocyanate/ Ammonium thiosulphate solution	1732	Inorg	0	0	Inorg	1	NI	1	NI	NI	NI	NI				D NI
Ammonium thiocyanate (25% or less)/Ammonium thiosulphate (20% or less) solution	123	RTECS No	RTECS No		CAS No											
Ammonium thiosulphate solution (60% or less)	312	Inorg	0	0	Inorg	1	NI	0	(0)	(1)	(1)	(1)				D 1
Ammonium thiosulphate solution (60% or less)	124	RTECS No	RTECS No	XN6465000	CAS No	7783-18-8										
Amyl acetate	255	2	2	2	NR	2	NI	0	(0)	0	1	1	S	NT	FED	2
Amyl acetate (all isomers)	125	RTECS No	RTECS No	AJ1925000	CAS No	628-63-7										
tert-Amyl ethyl ether	2428	3	NI	3	NR	1	NI	0	(0)	0	2	2				E 2
tert-Amyl ethyl ether	3623	RTECS No	RTECS No		CAS No											
tert-Amyl methyl ether	2141	1	NI	1	NI	4	NI	1	0	(2)	0	1				ED 2
tert-Amyl methyl ether	2210	RTECS No	RTECS No		CAS No											
Amyl propionate	1484	2	NI	2	R	2	NI	0	0	(2)	2	1				F 2
n-Pentyl propionate	484	RTECS No	RTECS No		CAS No	624-54-4										
Aniline	261	0	0	0	R	3	2	2	2	3	1	3	CTS	NT	FD	3
Aniline	127	RTECS No	RTECS No	BW6650000	CAS No	62-53-3										
Apple juice	275	0	NI	0	R	0	0	0	0	0	0	0				D 0

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		RTECS No		CAS No												
Apple juice	130															
Aryl polyolefin (C11-C50) (LOA)	1979	NI	NI	0	NR	0	NI	0	0	0	0	0	0			Fp 2
Aryl polyolefins (C11-C50)	131															
L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	2421	0	0	0	NR	0	NI	0	(0)	0	0	0	0			D 0
L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	3697															
Aviation alkylates (C8 paraffins and iso-paraffins BPT 95-120 Celcius)	286	(5)	NI	(5)	(R)	(4)	NI	0	0	(0)	(0)	(0)				FE 2
Aviation alkylates (C8 paraffins and iso-paraffins BPT 95 - 120°C)	132															
Aziridine polymer with methyloxirane (78% in diethylene glycol monoethyl ether)	2436	0	NI	0	NR	2	0	0	0	0	1	0				Fp 2
Aziridine polymer with methyloxirane (78% in diethylene glycol monoethyl ether)	3751															
Barium long chain alkaryl sulphonate (C11-C50) (LOA)	1978	4	NI	4	NR	3	NI	2	0	(2)	0	0				S 2
Barium long chain (C11-C50) alkaryl sulphonate	2370															
Benzene	324	2	1	1	R	2	NI	1	0	0	2	2	CTM	NT		E 3
Benzene and mixtures having 10% benzene or more (i)	133															
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl), 4-hydroxy-C7-C9 alcohols branched and linear	2378	0	3	3	NR	3	0	0	0	(0)	0	0	71-43-2			Fp 2
3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, (C7-C9)-branched alkyl esters	3405															
Benzene sulphonyl chloride	320	1	1	1	R	3	NI	1	(2)	(3)	3	3	S			SD 3
Benzene sulphonyl chloride	134															
1,2,4-Benzene tricarboxylic acid, trioctyl ester	1733	0	0	0	NR	0	NI	0	(0)	2	1	1				Fp 2
Benzenetricarboxylic acid, trioctyl ester	136															
Benzyl acetate	348	1	NI	1	R	3	1	1	0	2	1	1				SD 2
Benzyl acetate	138															
Benzyl alcohol	349	1	NI	1	R	2	NI	1	1	2	2	2				SD 2
Benzyl alcohol	139															
Benzyl chloride	352	NI	1	1	R	3	1	1	(2)	3	3	3	CSA			S 3
Benzyl chloride	140															
Bis(2-ethylhexyl) terephthalate	2437	0	3	3	R	0	0	0	0	(1)	1	1				Fp 2
Bis(2-ethylhexyl) terephthalate	3752															
N,N-Bis(2-hydroxyethyl)oleamide (LOA)	2110	5	NI	5	NR	NI	NI	0	0	(2)	2	2				Fp 2
N,N-bis(2-hydroxyethyl) oleamide	2201															
Bis[3-(triethoxysilyl)propyl]amine	2444	1	NI	1	R	1	NI	0	0	(2)	2	2				D 2

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																		3823	13497-18-2
Borax, anhydrous or hydrated, crude or refined					Inorg	1	0	0	0	(1)	1	1	R	S	S				
Borax					VZ2275000														1303-96-4
Boric acid					Inorg	1	0	0	0	(1)	1	1	R	S	S				
Boric acid					ED4550000														10043-35-3
Bromochloromethane					NR	1	NI	0	0	0	1	0		SD					
Bromochloromethane					PA5250000														74-97-5
1-Bromopropane					NI	2	NI	0	0	(0)	0	(2)	(2)	SD					
1-Bromopropane																			
Butanol					R	0	NI	0	0	0	2	3		NT	D				
Butyl alcohol (all isomers)					EO1400000														71-36-3
Butanol					R	0	NI	0	0	0	2	3		NT	D				
n-Butyl alcohol					EO1400000														71-36-3
sec-Butanol					R	0	NI	0	0	0	2	2		NT	D				
sec-Butyl alcohol					EO1750000														78-92-2
tert-Butanol					NR	1	NI	0	0	0	1	3		NT	D				
tert-Butyl alcohol					EO1925000														75-65-0
2-Butanone					R	1	0	0	0	1	2	2		DE					
Methyl ethyl ketone					EL6475000														78-93-3
Butene oligomer					NR	(4)	0	0	0	0	0	1		FE					
Butene oligomer																			
Butyl acetate					R	2	NI	0	0	0	0	1		FED					
Butyl acetate (all isomers)					AF7350000														123-86-4
Butyl acrylate					R	3	NI	1	1	1	2	2	SA						
Butyl acrylate (all isomers)					UD3150000														141-32-2
Butylamine					R	2	NI	2	2	2	3	3		DE					
Butylamine (all isomers)					EO2975000														109-73-9
Butyl benzene					NI	4	NI	4	1	0	0	(2)	1	Fp					
Butylbenzene (all isomers)					CY9070000														104-51-8
Butyl benzyl phthalate					R	4	R	4	2	0	0	(0)	(0)	R	S				

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TRN	RTECS No	RTECS No	TH	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Butyl benzyl phthalate	149			TH9990000				CAS No	85-68-7						
Butyl butyrate	399	2	NI	2 (R)	2	NI	0	0	(1)	1	NI			FE	2
Butyl butyrate (all isomers)	150			RTECS No	ES8120000			CAS No	109-21-7						
Butyl/Decyl/Cetyl/Eicosyl methacrylate mixture	2295	(5)	NI	(5) (R)	(3)	NI	0	0	0	2	2	S		FE	2
Butyl/Decyl/Cetyl/Eicosyl methacrylate mixture	153			RTECS No				CAS No							
Butylene glycol(s)	402	0	NI	0	R	1	NI	1	0	0	0			D	1
Butylene glycol	156			RTECS No	EK0525000			CAS No	110-63-4						
Butylene glycol methyl ether acetate	953	1	1	1	R	3	NI	0	(0)	(1)	1			FED	1
3-Methoxybutyl acetate	58			RTECS No	EL4725000			CAS No	4435-53-4						
Butylene glycol monomethyl ether	952	0	NI	0	R	1	NI	0	0	(1)	0			D	1
3-Methoxy-1-butanol	57			RTECS No				CAS No	2517-43-3						
1,2-Butylene oxide	403	0	NI	0	NR	2	NI	1	2	1	1	C		DE	3
1,2-Butylene oxide	8			RTECS No	EK3675000			CAS No	106-88-7						
Butyl methacrylate	409	2	NI	2	NR	1	NI	0	0	2	2	S		FE	2
Butyl methacrylate	151			RTECS No	OZ3675000			CAS No	97-88-1						
Butyl octyl phthalate	410	5	NI	5 (R)	0	2	0	(0)	(1)	(1)	(1)			Fp	2
Butyl octyl phthalate	2749			RTECS No				CAS No	84-78-6						
Butyl phosphate/dibutyl phosphate mixture	2434	2	NI	2	R	1	0	0	(0)	(3)	2	3		D	3
Butyl phosphate/dibutyl phosphate mixture	3749			RTECS No				CAS No							
Butyl propionate	1483	2	NI	2	R	2	NI	0	0	0	1			FED	2
n-Butyl propionate	476			RTECS No	UE8245000			CAS No	590-01-2						
Butyl stearate	413	0	NI	0 (R)	0	NI	0	NI	NI	2	NI			Fp	2
Butyl stearate	152			RTECS No	W12900000			CAS No	123-95-5						
Butyraldehyde	416	1	NI	1	R	2	0	0	1	0	3			DE	3
Butyraldehyde (all isomers)	157			RTECS No	ES2275000			CAS No	123-72-8						
Butyric acid	418	0	NI	0	R	2	0	0	0	0	3A			D	3
Butyric acid	158			RTECS No	ES5425000			CAS No	107-92-6						
Butyrolactone	420	0	NI	0	R	(3)	NI	1	(0)	0	0	1	C	D	3
gamma-Butyrolactone	360			RTECS No	LU3500000			CAS No	96-48-0						
Calcium alkyl (long chain) salicylate (overbased) in mineral oil (LOA)	70	0	NI	0	NR	2	NI	0	0	(1)	(1)	S		Fp	3

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		RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Calcium long-chain alkyl salicylate (C13+)	166															
Calcium alkyl phenol sulphide,polyolefin phosphorusulphide mixture (LOA)	1435	NI	NI	NI	NR	4	NI	0	0	(0)	NI	NI		NI	NI	NI
Calcium alkyl (C9) phenol sulphide/Polyolefin phosphorusulphide mixture	160															
Calcium alkyl salicylate	2015	3	NI	3	NR	2	NI	0	0	(2)	2	2				Fp
Calcium alkyl (C10-C28) salicylate	3152															
Calcium bromide (solutions)	427	Inorg	NI	0	Inorg	0	0	(0)	(0)	(2)	(1)	(2)				D
Drilling brines, including:calcium bromide solution, calcium chloride solution and sodium chloride solution	308															
Calcium carbonate slurry	2016	Inorg	0	0	Inorg	0	NI	0	(0)	(0)	0	0				S
Calcium carbonate slurry	161															
Calcium hydroxide	431	Inorg	0	0	Inorg	2	NI	0	(0)	(2)	1	2				S
Calcium hydroxide slurry	162															
Calcium hypochlorite solutions containing 15% Ca(OCl)2 or more	432	Inorg	0	0	Inorg	5	NI	1	0	2	3A	3				D
Calcium hypochlorite solution (more than 15%)	164															
Calcium hypochlorite solutions containing less than 15% but more than 1.5% Ca(OCl)2	2073	Inorg	0	0	Inorg	(4)	NI	1	0	2	3A	3				D
Calcium hypochlorite solution (15% or less)	163															
Calcium lignosulphonate (52% solution in water)	2087	0	NI	0	NR	0	NI	0	(0)	(0)	0	0				D
Calcium lignosulphonate solutions	165															
Calcium long chain alkaryl sulphonate (C11-C50) (LOA)	1973	NI	0	0	NR	0	NI	0	0	(1)	1	1	S			FD
Calcium alkaryl sulphonate (C11-C50)	169															
Calcium long chain alkyl (C5-C10) phenate (LOA)	2106	0	NI	0	NR	2	NI	0	0	(0)	0	0				FD
Calcium long-chain alkyl(C5-C10) phenate	168															
Calcium long chain alkyl (C11-C40) phenate (LOA)	2097	0	NI	0	NR	0	NI	0	0	(1)	1	1				Fp
Calcium long-chain alkyl(C11-C40) phenate	167															
Calcium long chain alkyl phenate sulphide (C8-C40) (LOA)	1756	0	NI	0	NR	1	NI	0	0	(1)	1	1				Fp
Calcium long-chain alkyl phenate sulphide (C8-C40)	170															
Calcium long-chain alkyl phenolic amine (C8-C40)	1728	NI	NI	NI	NR	0	NI	0	0	(1)	1	(1)				Fp
Calcium long-chain alkyl (C18-C28) salicylate	2383	0	NI	0	NR	0	NI	0	0	(1)	1	0	S			Fp
Calcium long-chain alkyl (C18-C28) salicylate	3426															
Calcium nitrate	1803	Inorg	0	0	Inorg	0	NI	0	(0)	(1)	1	1				D

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		RTECS No	RTECS No	RTECS No	EW2985000	CAS No	10124-37-5									
Calcium nitrate solutions (50% or less)	172															
Calcium nitrate/ Magnesium nitrate/Potassium chloride solution	1734	Inorg	0	0	Inorg	1	0	0	(0)	(1)	(1)	1			D	1
Calcium nitrate/Magnesium nitrate/Potassium chloride solution	173															
Camelina oil	2440	(0)	NI	(0)	(R)	(0)	(0)	(0)	(0)	(1)	(0)	(1)			Fp	2
Camelina oil	3767															
Camphor oil, white	1897	NI	NI	NI	NI	NI	NI	2	NI	(2)	1	NI		(T)	FE	2
Camphor oil	174															
Caprolactam	436	0	NI	0	R	1	0	1	1	2	1	2			D	3
epsilon-Caprolactam (molten or aqueous solutions)	310															
Carbolic oil	437	(3)	3	(3)	(NR)	(3)	(1)	2	2	3	3	3	ATNCM		FED	3
Carbolic oil	176															
Carbon disulphide	439	2	1	1	NR	3	NI	2	(3)	4	3A	3	RN		SD	3
Carbon disulphide	177															
Cashew nut shell oil (untreated)	443	0	NI	0	R	0	NI	(0)	(0)	(2)	2	(2)	S		Fp	3
Cashew nut shell oil (untreated)	179															
Castor oil (containing less than 10% free fatty acids)	2314	0	NI	0	R	(2)	NI	0	0	(1)	1	1			Fp	2
Castor oil	3044															
Cesium Formate, drilling brines	2384	0	3	3	Inorg	2	NI	1	0	(2)	2	2			D	2
Cesium formate solution (*)	3421															
Cetyl/Eicosyl methacrylate (mixture)	445	0	NI	0	(NR)	(0)	NI	0	(0)	(1)	(1)	(1)			Fp	2
Cetyl/Eicosyl methacrylate mixture	180															
Chlorinated paraffins (C-18 and above) with any level of chlorine	2024	0	4	4	NR	0	2	0	0	(1)	(1)	(1)	C		S	3
Chlorinated paraffins (C-18+) with any level of chlorine	183															
Chlorinated paraffins (C-10-C-13) with 60% chlorine or more	2021	5	5	5	NR	5	2	0	0	(1)	1	1	C		S	3
Chlorinated paraffins (C-10-C-13)	181															
Chlorinated paraffins (C-10- C13) with less than 60% chlorine	2020	5	5	5	NR	5	3	(0)	(0)	(1)	(1)	(1)	C		S	3
Chlorinated paraffins (C-10-C13) (60% chlorine or less)	2832															
Chlorinated paraffins (C-14-C17) with less than 1% shorter chain length	2112	5	4	4	NR	6	3	0	0	(2)	2	2	C		S	3
Chlorinated paraffins (C-14-C17) (with 50% chlorine or more, and less than 1% C13 or shorter chains)	182															
Chloroacetic acid	450	0	NI	0	R	2	0	2	3	(4)	3C	3	A		D	3

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		RTECS No	RTECS No	RTECS No	AF8575000	CAS No	79-11-8									
Chloroacetic acid (80% or less)	184															
Chlorobenzene	456	2	2	2	NR	3	0	1	0	2	2	0			S	2
Chlorobenzene	185															
		RTECS No	RTECS No	RTECS No	CZ0175000	CAS No	108-90-7									
Chlorohydrins	463	0	NI	0	R	0	NI	(2)	(2)	(3)	(3A)	3	CS		D	3
Chlorohydrins (crude)	187															
		RTECS No	RTECS No	RTECS No	TY4025000	CAS No	96-24-2									
N-(3-Chloro-2-hydroxypropyl) trimethylammonium chloride solution (75% or less)	2286	0	0	0	NR	1	NI	0	0	(2)	0	(2)	SC		D	3
N-(3-Chloro-2-hydroxypropyl)trimethyl ammonium chloride solution (75% or less)	2579															
		RTECS No	RTECS No	RTECS No		CAS No										
4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution	1536	2	NI	2	NI	2	NI	1	0	2	1	1	S		S	2
4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution	62															
		RTECS No	RTECS No	RTECS No		CAS No										
Chloronitrobenzenes	467	2	2	2	NR	3	NI	2	2	2	1	1			S	2
o-Chloronitrobenzene	533															
		RTECS No	RTECS No	RTECS No	CZ0855000	CAS No	25167-93-5									
1-(4-Chlorophenyl)-4,4-dimethyl-3-pentanone	1772	3	3	3	NR	3	NI	0	0	(1)	1	0			S	1
1-(4-Chlorophenyl)-4,4- dimethyl-pentan-3-one	21															
		RTECS No	RTECS No	RTECS No		CAS No										
2-Chloropropionic acid	474	0	NI	0	R	1	NI	1	(3)	2	3A	3			D	3
2- or 3-Chloropropionic acid	36															
		RTECS No	RTECS No	RTECS No	UE8570000	CAS No	598-78-7									
3-Chloropropylene	478	1	1	1	R	3	NI	1	0	2	1	3	T		E	3
Allyl chloride	106															
		RTECS No	RTECS No	RTECS No	UC7350000	CAS No	107-05-1									
Chlorosulphonic acid	479	Inorg	0	0	Inorg	2	NI	(2)	(3)	4	3C	3			D	3
Chlorosulphonic acid	188															
		RTECS No	RTECS No	RTECS No	FX5730000	CAS No	7790-94-5									
m-Chlorotoluene	481	3	NI	3	NR	2	NI	2	0	(2)	1	1			S	2
m-Chlorotoluene	426															
		RTECS No	RTECS No	RTECS No	XS8990000	CAS No	108-41-8									
o-Chlorotoluene	480	3	3	3	NR	3	1	0	0	0	1	1			S	1
Chlorotoluenes (mixed isomers)	189															
		RTECS No	RTECS No	RTECS No	XS9000000	CAS No	95-49-8									
o-Chlorotoluene	480	3	3	3	NR	3	1	0	0	0	1	1			S	1
o-Chlorotoluene	534															
		RTECS No	RTECS No	RTECS No	XS9000000	CAS No	95-49-8									
p-Chlorotoluene	482	3	3	3	NR	3	0	0	0	0	1	1			S	2
p-Chlorotoluene	551															
		RTECS No	RTECS No	RTECS No	XS9010000	CAS No	106-43-4									
Choline chloride, solutions	485	0	NI	0	R	1	NI	0	(0)	(0)	0	0			D	0
Choline chloride solutions	190															
		RTECS No	RTECS No	RTECS No	KH2975000	CAS No	67-48-1									
Citric acid	493	0	NI	0	R	1	0	0	(0)	(3)	1	3			D	3

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		RTECS No	RTECS No	GE7350000	CAS No	77-92-9										
Citric acid (70% or less)	748															
Citric juices	494	0	0	0	Inorg	0	0	0	0	0	0	0	0		D	0
Water	740															
Clay	495	Inorg	0	0	Inorg	0	0	0	0	0	0	0	0		S	0
Clay slurry	191															
Coal slurry	498	Inorg	0	0	Inorg	0	0	0	0	0	0	0	0		S	0
Coal slurry	192															
Coal tar	499	(4)	4	4	NR	3	1	0	0	0	2	2	CMR	(T)	S	3
Coal tar	193															
Coal tar naphtha	500	3	NI	3	NR	3	NI	0	0	(1)	1	1	C	(T)	FE	3
Coal tar naphtha solvent	194															
Coal tar pitch (molten)	491	3	(3)	(3)	NR	(4)	(2)	0	0	(1)	1	0	CM		S	3
Coal tar pitch (molten)	195															
Cobalt naphthenate in solvent naphtha	501	NI	NI	NI	NR	3	NI	0	(0)	(1)	NI	1	C		FE	3
Cobalt naphthenate in solvent naphtha	196															
Cocoa butter	2342	0	NI	0	R	0	NI	(0)	(0)	(1)	(0)	(1)			Fp	2
Cocoa butter	3096															
Coconut acid oil	2370	0	0	0	R	3	NI	(0)	(0)	(1)	(1)	(1)			Fp	2
Coconut acid oil	3139															
Coconut fatty acid distillate	2366	0	NI	0	R	(3)	NI	0	(0)	(1)	(1)	(1)			Fp	2
Coconut fatty acid distillate	3130															
Coconut oil	503	0	NI	0	R	1	NI	0	(0)	(1)	0	(1)			Fp	2
Coconut oil	2772															
Coconut oil fatty acid	505	0	0	0	(R)	(3)	NI	0	(0)	(1)	(1)	(1)			Fp	2
Coconut oil fatty acid	197															
Coconut oil fatty acid methyl ester	506	5	0	0	R	0	NI	(0)	(0)	(0)	(0)	(1)			Fp	2
Coconut oil fatty acid methyl ester	198															
Copper salt of long chain(>C17) alkanolic acid (LOA)	2111	0	NI	0	(R)	2	NI	0	0	(0)	0	0			Fp	2
Copper salt of long chain (C17+) alkanolic acid	2214															
Corn oil	521	0	NI	0	R	(2)	NI	0	(0)	(1)	1	1			Fp	2

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		RTECS No	RTECS No	GM4800000	CAS No	8001-30-7										
Corn Oil	2781															
Cotton seed oil	523	0	NI	0	R	(2)	NI	(0)	(0)	(1)	0	1				Fp
Cotton seed oil	2783															
Creosote (coal tar)	524	(4)	(4)	(4)	NR	4	(2)	1	0	2	2	1	CM	(T)	S	3
Creosote (coal tar)	199															
Creosote (wood tar)	525	NI	NI	NI	NR	5	NI	1	0	2	2	1	CM	(T)	SD	3
Creosote (wood)	200															
Cresols (mixed isomers)	527	2	2	2	R	3	0	2	2	4	3A	3		T	SD	3
Cresols (all isomers)	201															
Cresylic acids, dephenolized	1875	2	2	2	R	3	0	(2)	(2)	(3)	(3A)	(3)		(T)	S	3
Cresylic acid, dephenolized	202															
Cresylic acid, sodium salt solution	1914	(2)	(2)	(2)	(R)	(3)	(0)	1	(1)	(3)	3	3	TCM	(T)	D	3
Cresylic acid, sodium salt solution	203															
Crotonaldehyde	528	0	NI	0	NR	4	1	2	4	4	2	3	S		D	3
Crotonaldehyde	204															
Crude Piperazine	2331	0	NI	0	R	2	NI	(1)	(2)	(3)	3	3	S		D	3
Crude Piperazine	2810															
Crude Tall Oil	2357	4	NI	4	R	2	0	0	0	(0)	0	0	S		Fp	3
Tall oil, crude	3118															
1,5,9-Cyclododecatriene	534	5	5	5	NR	4	NI	0	0	1	2	1	SA		F	3
1,5,9-Cyclododecatriene	17															
Cycloheptane	535	4	NI	4	(NR)	4	NI	(0)	0	(1)	(0)	(1)			FE	2
Cycloheptane	205															
Cyclohexane	536	3	3	3	NR	3	NI	0	0	1	0	1			E	2
Cyclohexane	206															
Cyclohexane oxidation products, sodium salts solution	2458	0	NI	0	Inorg	1	0	0	0	(0)	0	0			D	0
Sodium carboxylate solution	3739															
Cyclohexanol	537	1	NI	1	R	2	NI	0	0	0	2	2			Fp	2
Cyclohexanol	207															
Cyclohexanone	539	0	1	1	R	1	0	1	1	1	2	2			FE	2

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		RTECS No	RTECS No	RTECS No	GW1050000	CAS No	108-94-1									
Cyclohexanone	208															
Cyclohexanone/Cyclohexanol mixture	1436	1	1	1	R	2	NI	1	1	1	2	2			FED	2
Cyclohexanone, Cyclohexanol mixture	209															
Cyclohexyl acetate	541	2	NI	2	(R)	(2)	NI	0	0	(2)	2	1			FED	2
Cyclohexyl acetate	210															
Cyclohexylamine	542	1	NI	1	R	2	NI	2	2	3	3	3	S		D	3
Cyclohexylamine	211															
1,3-Cyclopentadiene dimer (molten)	545	3	3	3	NR	3	NI	2	0	2	2	2			Fp	2
1,3-Cyclopentadiene dimer (molten)	11															
Cyclopentane	546	3	NI	3	NR	3	NI	(0)	(0)	0	1	(1)			E	2
Cyclopentane	212															
Cyclopentene	547	2	NI	2	(R)	3	NI	1	1	0	2	(0)	A		E	2
Cyclopentene	213															
Decahydronaphthalene	551	4	4	4	NR	3	NI	0	0	2	2	1			F	1
Decahydronaphthalene	214															
Decane	554	5	NI	5	R	0	0	0	0	0	1	0			F	1
Decane	2620															
Decanoic acid	555	4	NI	4	R	4	1	0	0	(2)	2	2			Fp	2
Decanoic acid	215															
1-Decene	558	5	NI	5	R	4	2	0	0	0	2	0	A		F	3
Decene	216															
Decyl acetate	1767	4	NI	4	NI	NI	NI	0	0	(1)	(1)	(1)			F	1
Decyl acetate	217															
Decyl acrylate	559	5	NI	5	(R)	5	NI	0	0	(2)	2	1			Fp	2
Decyl acrylate	218															
Decyloxytetrahydrothiophene dioxide	1859	3	NI	3	NR	4	NI	0	0	(1)	1	0			Fp	2
Decyloxytetrahydrothiophene dioxide	220															
Dextrose solution	562	0	0	0	R	0	NI	0	0	0	0	(0)			D	0
Glucose solution	361															
Dextrose solution	562	0	0	0	R	0	NI	0	0	0	0	(0)			D	0

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		RTECS No	No	LZ6600000	CAS No	50-99-7										
Dextrose solution	221	RTECS No		LZ6600000	CAS No	50-99-7										
Diacetone alcohol	563	0	NI	0	R	1	0	0	0	(2)	2	2				D 2
Diacetone alcohol	226	RTECS No		SA9100000	CAS No	123-42-2										
Dialkyldiphenylamines (LOA)	1852	5	NI	5	NR	1	0	0	0	(0)	0	0				FD 0
Dialkyl (C8-C9) diphenylamines	2255	RTECS No			CAS No											
Dialkyl (C9 - C10) phthalates	2359	(0)	(0)	(0)	(R)	(0)	(0)	(0)	(0)	(1)	(1)	(1)				Fp 2
Dialkyl (C9 - C10) phthalates	3121	RTECS No			CAS No											
Dialkyl phthalates C9-C13	566	(0)	(4)	(4)	(NR)	(0)	(2)	(0)	(0)	(1)	(1)	(1)	R			Fp 3
Dialkyl (C7-C13) phthalates	227	RTECS No			CAS No											
Diammonium hydrogen phosphate	98	0	0	0	Inorg	1	NI	0	0	(0)	(1)	(1)				D 1
Ammonium hydrogen phosphate solution	117	RTECS No			CAS No	7783-28-0										
Dibromomethane	574	1	NI	1	NR	(2)	NI	1	0	0	(2)	(2)				SD 2
Dibromomethane	228	RTECS No		PAY350000	CAS No	74-95-3										
Di-n-butylamine	577	2	NI	2	R	3	NI	2	2	3	3	3				FD 3
Dibutylamine	231	RTECS No		HR7780000	CAS No	111-92-2										
Di-butyl ether	578	3	3	3	NR	2	NI	0	0	0	1	1				FE 2
n-Butyl ether	475	RTECS No		EK5425000	CAS No	142-96-1										
Dibutyl hydrogen phosphonate	1857	1	NI	1	NI	2	NI	0	0	(3)	3	3				F 3
Dibutyl hydrogen phosphonate	229	RTECS No			CAS No	1809-19-4										
2,4-Di-tert-butyl phenol	2083	5	4	4	NR	4	NI	NI	NI	NI	NI	NI				NI NI
2,4-Di-tert-butylphenol	2339	RTECS No		SK8260000	CAS No	96-76-4										
2,6-Di-tert-butyl phenol	2082	4	NI	4	NR	4	NI	0	0	(1)	1	1				Fp 2
2,6-Di-tert-butylphenol	2250	RTECS No		SK8265000	CAS No	128-39-2										
Di-n-butyl phthalate	582	4	4	4	R	4	1	0	0	1	0	1	R			S 3
Dibutyl phthalate	230	RTECS No		TI0875000	CAS No	84-74-2										
Dibutyl terephthalate	2430	5	(3)	(3)	R	4	2	0	0	(0)	0	0				S 0
Dibutyl terephthalate	3596	RTECS No			CAS No											
Dichlorobenzene (all isomers)	333	3	4	4	NR	3	1	1	0	1	(2)	2	CMR	T		S 3
Dichlorobenzene (all isomers)	232	RTECS No			CAS No											
3,4-Dichlorobut-1-ene	2079	2	2	2	NR	3	NI	1	0	2	2	3				S 3

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TRN	RTECS No	RTECS No	EM4740000	CAS No	760-23-6										
3,4-Dichloro-1-butene	56														
1,1-Dichloroethane	590	1	NI	1	NR	1	NI	1	(1)	0	2	2		SD	2
1,1-Dichloroethane	4		RTECS No	KI0175000						CAS No	75-34-3				
1,2-Dichloroethane	591	1	1	1	NR	2	0	1	0	2	1	2		C	3
Ethylene dichloride	330		RTECS No	KI0525000						CAS No	107-06-2				
1,6-Dichlorohexane	593	3	NI	3	NR	3	NI	0	(0)	0	0	0		S	0
1,6-Dichlorohexane	19		RTECS No							CAS No	2163-00-0				
Dichloromethane	594	1	2	2	NR	1	0	1	0	0	2	2		C	3
Dichloromethane	234		RTECS No	PA8050000						CAS No	75-09-2				
2,4-Dichlorophenol	596	3	2	2	NR	3	2	3	2	3	3	3		T	3
2,4-Dichlorophenol	30		RTECS No	SK8575000						CAS No	120-83-2				
2,4-Dichlorophenoxyacetic acid, diethanolamine salt, solution	599	0	1	1	R	2	NI	1	0	(3)	1	3		(T)	3
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	32		RTECS No							CAS No					
2,4-Dichlorophenoxyacetic acid, dimethylamine salt, 70 % or less solution	600	0	1	1	R	3	NI	1	0	(3)	1	3		(T)	3
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	33		RTECS No							CAS No					
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt soln.	602	0	NI	0	R	2	NI	1	0	(3)	(1)	3		(T)	3
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	34		RTECS No							CAS No					
1,1-Dichloropropane	605	2	1	1	NR	2	1	0	0	1	1	1		SD	1
1,1-Dichloropropane	5		RTECS No	TX9450000						CAS No	78-99-9				
1,2-Dichloropropane	606	2	1	1	NR	2	0	1	0	2	2	2		SD	2
1,2-Dichloropropane	9		RTECS No	TX9625000						CAS No	78-87-5				
1,3-Dichloropropane	607	2	1	1	NR	2	1	0	NI	NI	NI	NI		SD	NI
1,3-Dichloropropane	12		RTECS No	TX9660000						CAS No	142-28-9				
Dichloropropane and dichloropropene, mixture	608	(2)	(1)	(1)	(NR)	(4)	(1)	2	1	2	3	3		CS	3
Dichloropropene/Dichloropropane mixtures	235		RTECS No	TX9800000						CAS No	8003-19-8				
1,3-Dichloropropene	612	1	NI	1	NR	4	1	2	1	2	3	3		CS	3
1,3-Dichloropropene	13		RTECS No	UC8310000						CAS No	542-75-6				
2,2-Dichloropropionic acid	609	2	2	2	NR	2	NI	1	0	(3)	3	3		D	3
2,2-Dichloropropionic acid	28		RTECS No	UF0690000						CAS No	75-99-0				
Di-(2-chloro-iso-propyl) ether	615	2	2	2	NR	2	NI	2	0	2	0	2		SD	2

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TRN	RTECS No	RTECS No	RTECS No	RTECS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	
2,2'-Dichloroisopropyl ether	25				KN1750000		108-60-1									
Dicyclopentadiene(80-90%)/Co-dimers(10-20%), mixtures	2389	2	3	3	NR	3	0	2	0	3	2	2	AR		FED	3
Dicyclopentadiene, Resin Grade, 81-89%	3559															
Diethanolamine	620	0	NI	0	R	1	0	1	0	0	2	3	T		D	3
Diethanolamine	236				KL2975000											
Diethylamine	621	0	NI	0	R	2	NI	1	2	3	3C	3			DE	3
Diethylamine	240				HZ8750000											
2,6-Diethylaniline	1437	3	3	3	NR	2	NI	1	1	(2)	1	2			FD	2
2,6-Diethylaniline	35				BX3500000											
Diethyl benzene (mixed isomers)	624	4	4	4	NR	3	NI	0	(0)	(2)	2	1			F	2
Diethylbenzene	242				CZ5600000											
Di-(2-ethylbutyl) phthalate	625	5	NI	5	R	0	2	0	0	(1)	1	(1)	R		Fp	3
Di-(2-ethylbutyl) phthalate	2750				TI1100000											
Diethylene glycol	628	0	NI	0	R	0	0	1	0	2	1	1			D	2
Diethylene glycol	243				ID5950000											
Diethylene glycol di-n-butyl ether	629	2	NI	2	NI	1	NI	0	0	(1)	1	1			FD	1
Diethylene glycol dibutyl ether	244				KN0350000											
Diethylene glycol diethyl ether	630	0	NI	0	NR	0	NI	1	0	(2)	2	2			D	2
Diethylene glycol diethyl ether	245				KN3160000											
Diethylene glycol initiated polyoxypropylene diamine	2353	0	NI	0	NR	2	NI	0	0	(3)	3B	(3)			D	3
Diethylene glycol initiated polyoxypropylene diamine	3113															
Diethylene glycol initiated polyoxypropylene diamine	2353	0	NI	0	NR	2	NI	0	0	(3)	3B	(3)			D	3
Polyetheramine	2946															
Diethylene glycol phthalate	1438	2	NI	2	NR	1	NI	0	0	(2)	(1)	2			S	2
Diethylene glycol phthalate	247															
Diethylene triamine	638	0	1	1	(R)	2	NI	1	3	3	3A	3	S		FD	3
Diethylenetriamine	248				IE1225000											
Diethylenetriamine pentaacetic acid, pentapotassium salt solution (40%) (**)	2466	1	NI	1	NR	2	NI	NI	NI	NI	NI	NI	D		NI	
	3929															
Diethylenetriamine pentaacetic acid, pentasodium salt (40% solution in water)	2076	0	NI	0	NR	0	NI	0	(0)	(0)	0	0			D	0

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																	RTECS No	NI	NI	NI
Diethylenetriaminepentaacetic acid, pentasodium salt solution	249																			
Diethylenetriamine pentamethylene phosphonic acid, pentasodium salt solution (47 %) (**)	2467	0	NI	0	R	2	NI	NI	NI	NI	NI	NI								
	3930																			
Diethyl ethanolamine	622	0	NI	0	NR	3	NI	1	1	2	3	3							D	
Diethylaminoethanol	241																			
Diethyl ether	640	0	1	1	NR	0	NI	1	0	0	1	1							DE	
Diethyl ether	237																			
Di-(2-ethylhexyl) adipate	641	0	2	2	R	4	2	0	0	0	1	1	R						Fp	
Di-(2-ethylhexyl) adipate	222																			
Di-(2-ethylhexyl) phosphoric acid	643	(2)	1	1	NR	2	NI	0	1	(2)	2	2							Fp	
Di-(2-ethylhexyl) phosphoric acid	223																			
Di-(2-ethylhexyl) phthalate	642	0	4	4	R	0	0	0	0	1	1	1	R						Fp	
Di-(2-ethylhexyl) phthalate	2751																			
Diethyl phthalate	648	3	3	3	R	2	0	0	0	(1)	1	1							S	
Diethyl phthalate	238																			
Diethyl sulphate	649	1	NI	1	R	(2)	NI	1	2	3	2	3	CM						SD	
Diethyl sulphate	239																			
Diglycidyl ether of Bisphenol A	653	3	NI	3	NR	4	NI	0	0	(2)	1	2	S						S	
Diglycidyl ether of bisphenol A	250																			
Diglycidyl ether of Bisphenol F	728	0	NI	0	NR	3	NI	0	(0)	(2)	1	(2)	SR						S	
Diglycidyl ether of bisphenol F	251																			
Diheptyl phthalate	655	0	(4)	(4)	R	0	NI	0	0	(1)	1	1							Fp	
Diheptyl phthalate	252																			
Di-n-hexyl adipate	656	5	NI	5	(NR)	5	0	0	0	(1)	0	1							FE	
Di-n-hexyl adipate	224																			
Di-hexyl phthalate	2125	5	NI	5	R	0	2	0	0	(1)	1	1	R						Fp	
Di-hexyl phthalate	253																			
1,4-Dihydro-9,10-dihydroxy anthracene disodium salt (soln.)	657	1	NI	1	NI	1	NI	0	NI	NI	NI	NI							D	
1,4-Dihydro-9,10-dihydroxyanthracene, disodium salt solution	15																			
Diisobutene	575	4	4	4	NR	3	NI	0	0	0	1	0							FE	

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																	RTECS No	CAS No
Diisobutylene	257										11071-47-9							
Diisobutylamine	576	(2)	NI	(2)	(R)	(3)	NI	2	(2)	2	(3)	(3)			FED			3
Diisobutylamine	256		RTECS No	TX1750000					CAS No		110-96-3							
Diisobutyl ketone	579	3	NI	3	R	2	NI	0	0	2	2	2			F			2
Diisobutyl ketone	254		RTECS No	MJ5775000					CAS No		108-83-8							
Diisobutyl phthalate	581	4	(4)	4	R	(4)	1	0	0	1	0	0	R		S			3
Diisobutyl phthalate	255		RTECS No	TI1225000					CAS No		84-69-5							
Diisodecyl phthalate	619	0	0	0	(R)	0	(0)	0	0	(1)	0	1			Fp			2
Diisodecyl phthalate	3119		RTECS No	TI1270000					CAS No		26761-40-0							
Diisoheptyl phthalate	2391	0	(4)	(4)	R	0	0	0	0	(1)	1	1	R		Fp			3
Diisoheptyl phthalate	3561		RTECS No						CAS No									
Diisononyl adipate	690	0	NI	0	R	0	0	0	0	(1)	1	1			Fp			2
Diisononyl adipate	258		RTECS No						CAS No		33703-08-1							
Diisononyl phthalate	691	0	0	0	R	0	0	0	0	(0)	0	0			Fp			2
Diisononyl phthalate	3120		RTECS No						CAS No									
Diisooctyl phthalate	693	0	4	4	(R)	0	0	0	0	(1)	1	0			Fp			2
Diisooctyl phthalate	259		RTECS No	TI1300000					CAS No		27554-26-3							
Diisopropanolamine	703	0	NI	0	NR	1	NI	0	0	0	2	3			FD			3
Diisopropanolamine	260		RTECS No	UB6600000					CAS No		110-97-4							
Diisopropylamine	705	1	NI	1	NR	2	0	1	1	2	3	3			ED			3
Diisopropylamine	261		RTECS No	IM4025000					CAS No		108-18-9							
Diisopropyl benzene (mixed isomers)	2220	5	4	4	NR	4	NI	0	0	2	2	1		(T)	F			2
Diisopropylbenzene (all isomers)	262		RTECS No						CAS No									
1,3-Diisopropylbenzene	706	5	4	4	NR	4	NI	0	0	2	2	1			F			2
1,3-Diisopropyl benzene	2626		RTECS No	CZ6330000					CAS No		25321-09-9							
Diisopropyl ether	711	1	NI	1	NR	2	NI	0	0	0	1	2			E			2
Isopropyl ether	406		RTECS No	TZ5425000					CAS No		108-20-3							
Diisopropylhaphthalene, mixed isomers	712	5	4	4	NR	3	NI	0	0	(1)	1	1			Fp			2
Diisopropylhaphthalene	263		RTECS No	QJ1527000					CAS No		38640-62-9							
Dimethoxymethane	2405																	

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																	RTECS No	CAS No			
Methylal (>=85%)	3662																				
Dimethyl acetamide	658	0	NI	0	R	1	NI	0	0	2	1	2							D	2	
N,N-Dimethylacetamide	2730		RTECS No		AB7700000													CAS No		127-19-5	
Dimethyl acetamide	658	0	NI	0	R	1	NI	0	0	2	1	2								D	2
N,N-Dimethylacetamide solution (40% or less)	466		RTECS No		AB7700000													CAS No		127-19-5	
Dimethyl adipate	659	1	NI	1	(R)	4	NI	0	0	(0)	1	1								SD	2
Dimethyl adipate	264		RTECS No		AV1645000													CAS No		627-93-0	
Dimethylamine (40-50% aq.sol.)	661	0	NI	0	R	3	0	2	0	2	3B	3	S	NT	DE					DE	3
Dimethylamine solution (45% or less)	270		RTECS No		IP8750000													CAS No		124-40-3	
Dimethylamine (40-50% aq.sol.)	661	0	NI	0	R	3	0	2	0	2	3B	3	S	NT	DE					DE	3
Dimethylamine solution (greater than 45% but not greater than 55%)	271		RTECS No		IP8750000													CAS No		124-40-3	
Dimethylamine (40-50% aq.sol.)	661	0	NI	0	R	3	0	2	0	2	3B	3	S	NT	DE					DE	3
Dimethylamine solution (greater than 55% but not greater than 65%)	272		RTECS No		IP8750000													CAS No		124-40-3	
N,N-Dimethyl cyclohexylamine	665	2	NI	2	NR	2	NI	1	2	3	3C	3								FD	3
N,N-Dimethylcyclohexylamine	467		RTECS No		GX1198000													CAS No		98-94-2	
Dimethyl disulphide	1616	1	NI	1	NR	3	2	2	0	2	1	1								SD	2
Dimethyl disulphide	2504		RTECS No		JO1927500													CAS No		624-92-0	
N,N-Dimethyldodecylamine	2126	3	NI	3	R	4	NI	1	(1)	(3)	3	3								F	3
N,N-Dimethyldodecylamine	468		RTECS No		JR6600000													CAS No		112-18-5	
Dimethylethanolamine	667	0	NI	0	R	2	NI	1	1	2	3	3								D	3
Dimethylethanolamine	273		RTECS No		KK6125000													CAS No		108-01-0	
Dimethyl formamide	676	0	0	0	R	1	0	0	1	2	1	2	R							D	3
Dimethylformamide	274		RTECS No		LQ2100000													CAS No		68-12-2	
Dimethyl glutarate	670	0	NI	0	R	3	NI	0	0	2	3	2	A							SD	3
Dimethyl glutarate	265		RTECS No															CAS No		26717-67-9	
Dimethyl hydrogen phosphite	673	0	NI	0	NR	2	NI	1	0	0	1	1								D	1
Dimethyl hydrogen phosphite	266		RTECS No		SZ7710000													CAS No		868-89-9	
2,2-Dimethyloctanoic acid	675	3	NI	3	R	4	1	0	0	(2)	2	2								Fp	2
Dimethyl octanoic acid	267		RTECS No															CAS No		29662-90-6	
Dimethyl phthalate	678	2	2	2	R	2	0	0	0	(1)	0	1								SD	1

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	RTECS No	RTECS No	Ti1575000	CAS No	131-11-3										
Dimethyl phthalate	268														
2,2-Dimethylpropane-1,3-diol	679	0	0	NR	0	0	0	0	0	2	2			FD	2
2,2-Dimethylpropane-1,3-diol (molten or solution)	29			RTECS No	TY5775000					CAS No	126-30-7				
Dimethyl succinate	681	0	NI	0	NI	2	NI	0	0	0	2			SD	2
Dimethyl succinate	269									CAS No	106-65-0				
Dinitrotoluene	688	2	2	NR	4	2	2	(2)	(2)	1	0	CMR		S	3
Dinitrotoluene (molten)	276			RTECS No	XT1300000					CAS No	25321-14-6				
Dinonyl phthalate	689	0	NI	0	R	0	0	0	0	(1)	1			Fp	2
Dinonyl phthalate	2993									CAS No	84-76-4				
Di-n-octyl phthalate	692	0	(4)	(4)	(R)	0	0	0	0	(1)	1	(1)		Fp	2
Diocyl phthalate	277									CAS No	117-84-0				
1,4-Dioxane	682	0	0	NR	0	0	0	0	0	0	2	C		D	3
1,4-Dioxane	16									CAS No	123-91-1				
Dipentene	686	4	NI	4	NR	2	NI	0	0	(2)	2	S		F	3
Dipentene	278									CAS No	138-86-3				
Diphenyl	694	3	4	4	R	4	1	0	0	(1)	0			S	1
Diphenyl	279									CAS No	92-52-4				
Diphenylamine (molten)	2186	3	3	NR	3	1	0	0	0	(1)	1			S	1
Diphenylamine (molten)	285									CAS No					
Diphenylamine, reaction product with 2,4,4-trimethylpentene	1500	NI	1	1	NR	3	NI	0	0	(1)	1	S		Fp	3
Diphenylamine, reaction product with 2,4,4-Trimethylpentene	286									CAS No					
Diphenylamines, alkylated	1770	5	NI	5	NR	(3)	NI	0	0	(1)	(1)	S		F	3
Diphenylamines, alkylated	287									CAS No					
Diphenyl/Diphenyl ether (mixtures)	698	NI	NI	4	NR	4	1	0	0	(1)	1	(T)		S	1
Diphenyl/Diphenyl ether mixtures	283									CAS No	8004-13-5				
Diphenyl ether	699	4	4	NR	4	NI	0	0	0	1	1	T		S	1
Diphenyl ether	281									CAS No	101-84-8				
Diphenyl ether/ Biphenyl phenyl ether mixtures	702	5	NI	5	NR	4	NI	0	0	0	1	(T)		S	1
Diphenyl ether/Diphenyl phenyl ether mixture	282									CAS No					
Diphenylmethane-4,4'-diisocyanate (#)	700	5	2	2	NR	0	0	0	0	3	2	S		S	3

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TRN	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Diphenylmethane diisocyanate	288											101-68-8			
Diphenylol propane-epichlorohydrin resins	2237	3	NI	3	NR	4	NI	0	0	(2)	1	2		S	2
Diphenylol propane-epichlorohydrin resins	290														
Di-n-propylamine	704	1	NI	1	NR	3	NI	2	2	2	3C	3		FED	3
Di-n-propylamine	225														
Dipropylene glycol	707	0	1	1	NR	0	NI	0	0	0	1	1		D	1
Dipropylene glycol	291														
Dipropylene glycol dibenzoate	708	3	NI	3	R	3	NI	0	0	0	0	0		S	0
Dipropylene glycol dibenzoate	2431														
Di-n-propyl phthalate	713	3	NI	3	(R)	3	NI	(0)	(0)	(1)	(1)	(1)		S	3
Di-n-propyl phthalate	2752														
Distilled Resin Oil, DRO	2299	(3)	NI	(3)	(NR)	(3)	NI	0	0	(2)	2	1	MN	FE	3
Resin oil, distilled	2958														
Dithiocarbamate ester (C7-C35)	2185	NI	2	2	NR	4	NI	0	0	(1)	1	1		S	1
Dithiocarbamate ester (C7-C35)	2371														
Ditridecyl adipate	2351	0	NI	0	NR	0	NI	0	0	(2)	2	1	S	Fp	2
Ditridecyl adipate	293														
Ditridecyl phthalate	714	0	(0)	0	NR	0	(0)	0	0	(1)	1	(1)		Fp	2
Ditridecyl phthalate	2994														
Diundecyl phthalate	715	0	(0)	0	NR	0	0	0	0	(1)	1	1		Fp	2
Diundecyl phthalate	294														
Dodecane	718	5	NI	5	(R)	0	NI	0	0	(1)	(1)	(0)		Fp	2
Dodecane (all isomers)	295														
tert-Dodecanethiol	2233	5	4	4	NR	0	0	0	0	(2)	2	1	S	F	3
tert-Dodecanethiol	2418														
1-Dodecanol	719	5	2	2	R	4	1	0	0	(1)	1	(1)		Fp	2
Dodecyl alcohol	298														
Dodecene (all isomers)	720	5	NI	5	NR	4	NI	0	0	(2)	2	1	A	F	3
Dodecene (all isomers)	296														
2-Dodecenyl succinic acid, dipotassium salt, solution	727	4	NI	4	NR	1	NI	(0)	(0)	NI	NI	NI		D	NI

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		RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
		CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No
Dodecylsuccinic acid, dipotassium salt solution	297										57195-28-5					
Dodecylamine/Tetradecylamine mixture	721	3	NI	3	R	4	NI	1	0	(3)	3	3				F
Dodecylamine/Tetradecylamine mixture	303															
Dodecyl benzene	126	0	NI	0	NR	0	3	0	0	(2)	(2)	(1)				F
Dodecylbenzene	304															
Dodecyl benzene sulphonic acid (contains 1.5% Sulphuric acid)	1739	NI	NI	3	R	3	1	1	(1)	(2)	(1)	(1)				D
Alkyl (C11-C17) benzene sulphonic acid	101															
Dodecyl diphenyl oxide disulphonate (solns.)	723	(5)	NI	5	NR	4	1	1	0	(3)	1	3				D
Dodecyl diphenyl ether disulphonate solution	299															
Dodecyl hydroxypropyl sulphide (LOA)	1861	5	NI	5	NI	4	NI	0	0	(0)	0	0				FD
Dodecyl hydroxypropyl sulphide	2252															
n-Dodecyl mercaptan	2462	5	3	3	NR	5	NI	0	0	(3)	3	(3)				F
n-Dodecyl Mercaptan	3743															
Dodecyl/octadecyl methacrylate (mixtures)	2116	(5)	NI	(5)	(NR)	(0)	NI	0	0	(1)	1	(1)				Fp
Dodecyl/Octadecyl methacrylate mixture	1717															
Dodecyl/pentadecyl methacrylate (mixture)	724	(5)	NI	(5)	(NR)	(0)	NI	0	(0)	(1)	(1)	(1)				Fp
Dodecyl/Pentadecyl methacrylate mixture	302															
Dodecyl phenol	725	0	4	4	NI	4	NI	0	0	(3)	3	2				Fp
Dodecyl phenol	301															
Dodecyl-, Tetradecyl-, Hexadecyl-dimethylamine mixture	2248	3	NI	3	R	5	2	1	(1)	(3)	3C	3				F
Alkyl (C12+) dimethylamine	2485															
Dodecylxylene	1763	0	NI	0	NI	0	NI	0	0	(1)	1	1				Fp
Dodecyl Xylene	306															
Epichlorohydrin	731	0	0	0	R	2	NI	2	2	3	3A	3				D
Epichlorohydrin	309															
Ethanol	732	0	NI	0	R	0	NI	0	0	0	1	2				D
Ethyl alcohol	315															
Ethanolamine	733	0	NI	0	R	2	0	1	1	3	3A	3				D
Ethanolamine	311															
Ethanoltriazine (aqueous solution)	2411	(0)	NI	(0)	R	3	NI	1	0	4	0	2				D

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	RTECS No			CAS No			4719-04-4									
1,3,5-Hexahydrotriazol-1,3,5-triazine	3687															
Ethoxylated long chain (>C16)alkyloxyalkanamine (LOA)	2103	5	NI	5	NR	1	NI	0	0	(3)	3	(3)			Fp	3
Ethoxylated long chain (C16+) alkyloxyalkylamine	2203															
Ethoxylated tallow amine (>95%)	2313	0	NI	0	NR	4	NI	1	(1)	3	2	3	S		Fp	3
Ethoxylated tallow amine (> 95%)	2959															
Ethoxylated tallow amine, glycol mixture	2252	2	NI	2	NR	6	NI	1	0	3	2	3	S		D	3
Ethoxylated tallow amine, glycol mixture	2476															
Ethyl acetate	735	0	2	2	R	1	0	0	0	1	0	1			DE	2
Ethyl acetate	312															
Ethyl acetoacetate	736	0	0	0	R	1	NI	0	0	(1)	1	1			D	1
Ethyl acetoacetate	313															
Ethyl acrylate	734	1	NI	1	R	3	1	1	2	2	2	2	SC	T	ED	3
Ethyl acrylate	314															
Ethylamine	1016	0	NI	0	R	2	NI	2	2	1	3	3			GD	3
Ethylamine	322															
Ethylamine solutions (72% or less)	2219	NI	0	0	R	2	NI	2	2	1	3	3			DE	3
Ethylamine solutions (72% or less)	323															
Ethyl amyl ketone	1784	2	NI	2	NI	2	NI	0	0	(2)	2	NI			FD	2
Ethyl amyl ketone	316															
Ethylbenzene	740	3	2	2	R	3	(1)	0	0	0	2	2	C		FE	3
Ethylbenzene	324															
N-Ethyl butylamine	745	1	NI	1	NI	NI	NI	1	1	2	3	3			FED	3
N-Ethylbutylamine	477															
Ethyl tert-butyl ether	2085	1	NI	1	NI	2	NI	0	0	2	2	2			E	2
Ethyl tert-butyl ether	320															
Ethyl butyrate	748	1	NI	1	NI	2	NI	0	0	(2)	2	NI			FED	2
Ethyl butyrate	317															
Ethyl cyclohexane	751	4	4	4	NR	3	NI	(0)	(0)	(1)	(1)	(1)			FE	2
Ethylcyclohexane	325															
N-Ethyl cyclohexylamine	752	2	NI	2	NI	(3)	NI	1	2	2	3	3			FED	3

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EHS Name TRN Name	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
TRN	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	
TRN	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	
N-Ethylcyclohexylamine	478			GX1225000						5459-93-8						
S-Ethyl dipropylthiocarbamate	2081	3	2	2	NI	3	NI	1	1	2	2	(2)	N		F	3
S-Ethyl dipropylthiocarbamate	2302			RTECS No						CAS No						
Ethylene carbonate	755	0	NI	0	R	0	NI	0	0	(2)	1	2			SD	2
Ethylene carbonate	326			RTECS No	FF9550000					CAS No						
Ethylene chlorohydrin	756	0	0	0	R	3	NI	2	3	4	2	3			D	3
Ethylene chlorohydrin	327			RTECS No	KK0875000					CAS No						
Ethylene cyanohydrin	757	0	0	0	NI	2	NI	1	0	(2)	1	2			D	2
Ethylene cyanohydrin	328			RTECS No	MU5250000					CAS No						
Ethylene diamine	758	0	1	1	R	3	1	1	2	1	3	3	S		D	3
Ethylenediamine	343			RTECS No	KH8575000					CAS No						
Ethylene diamine, tetra acetic acid, di- and tetra-sodium salt	759	0	NI	0	NR	2	0	1	(1)	(2)	1	2			D	2
Ethylenediaminetetraacetic acid, tetrasodium salt solution	344			RTECS No	AH4375000					CAS No						
Ethylene dibromide	760	1	2	2	NR	3	NI	2	2	2	3	3	CRT		SD	3
Ethylene dibromide	329			RTECS No	KH9275000					CAS No						
Ethylene glycol	761	0	NI	0	R	0	NI	1	(1)	(1)	0	0			D	1
Ethylene glycol	331			RTECS No	KW2975000					CAS No						
Ethylene glycol acrylate	869	0	NI	0	R	4	NI	1	3	3	3	3	SM		D	3
2-Hydroxyethyl acrylate	51			RTECS No	AT1750000					CAS No						
Ethylene glycol butyl ether acetate	764	1	NI	1	R	2	NI	0	1	(1)	1	1			FD	1
Ethylene glycol butyl ether acetate	334			RTECS No	KJ8925000					CAS No						
Ethylene glycol diacetate	765	0	NI	0	NI	2	NI	0	0	(1)	1	NI			D	1
Ethylene glycol diacetate	335			RTECS No	KW4025000					CAS No						
Ethylene glycol ethyl ether acetate	767	0	NI	0	R	2	0	1	0	1	1	2	R		D	3
2-Ethoxyethyl acetate	41			RTECS No	KK8225000					CAS No						
Ethylene glycol methyl butyl ether	772	1	NI	1	NI	1	NI	NI	NI	NI	NI	NI			D	NI
Ethylene glycol methyl butyl ether	336			RTECS No						CAS No						
Ethylene glycol methyl ether acetate	773	0	NI	0	R	2	NI	0	0	(0)	(1)	1	R		D	3
Ethylene glycol methyl ether acetate	337			RTECS No	KL5950000					CAS No						
Ethylene glycol monoacetate	762	0	NI	0	R	2	NI	0	0	(3)	NI	(3)			D	3

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EHS TRN	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Ethylene glycol acetate	333			KW7175000				CAS No	542-59-6						
Ethylene glycol monoalkyl ethers	2268	0	NI	0	R	2	NI	1	2	2	1	2		D	2
Ethylene glycol monoalkyl ethers	338							CAS No							
Ethylene glycol monoethyl ether	766	0	NI	0	R	0	0	0	0	1	2	2		D	3
2-Ethoxyethanol	40				KK8050000			CAS No	110-80-5						
Ethylene glycol phenyl ether	775	1	NI	1	R	1	0	1	0	(2)	1	2		SD	2
Ethylene glycol phenyl ether	339				KM0350000			CAS No	122-99-6						
Ethylene glycol phenyl ether/Diethylene glycol phenyl ether, mixture	1740	NI	NI	1	R	1	NI	1	0	(2)	(2)	(2)		SD	2
Ethylene glycol phenyl ether/Diethylene glycol phenyl ether mixture	340							CAS No							
Ethylene oxide	77	NI	NI	NI	NI	NI	NI	1	(1)	3	3	3	CMRS	GD	3
Ethylene oxide	2744				KX2450000			CAS No	75-21-8						
Ethylene-propylene copolymer	1508	NI	NI	NI	NI	NI	NI	(0)	(0)	(0)	(0)	(0)		NI	0
Propylene-Butylene copolymer	633							CAS No							
Ethylene vinyl acetate copolymer (emulsion)	779	0	1	1	NR	0	0	0	(0)	(2)	2	0		S	2
Ethylene-vinyl acetate copolymer (emulsion)	342							CAS No							
Ethyl 3-ethoxypropionate	1439	1	NI	1	NR	2	NI	0	0	0	1	1		FD	1
Ethyl-3-ethoxypropionate	321				UF3325000			CAS No	763-69-9						
2-Ethylhexanoic acid	776	2	NI	2	R	2	NI	0	0	(2)	2	2		FD	3
2-Ethylhexanoic acid	45				MO7700000			CAS No	149-57-5						
2-Ethylhexyl acrylate	782	3	NI	3	R	2	NI	0	0	(2)	2	2	S	F	3
2-Ethylhexyl acrylate	46				AT0855000			CAS No	103-11-7						
2-Ethylhexyl esters of fatty acids	2221	0	NI	0	R	1	NI	0	(0)	(0)	1	0		F	1
	2578							CAS No							
2-Ethyl-2-(hydroxymethyl)propane-1,3-diol C8-C10 ester (LOA)	2054	0	NI	0	R	0	NI	0	(0)	(0)	0	(0)		Fp	2
2-Ethyl-2-(hydroxymethyl)propane-1,3-diol (C8-C10) ester	42							CAS No							
5-Ethylidene-2-norbornene	783	3	3	3	NR	3	0	0	0	2	1	2		FE	2
Ethylidene norbornene	345				RB9450000			CAS No	16219-75-3						
Ethyl isoamyl ketone	737	NI	NI	NI	NI	NI	NI	0	0	(1)	1	(2)		FD	2
Ethyl isoamyl ketone	2618				MJ7350000			CAS No	541-85-5						
Ethyl methacrylate	785	1	NI	1	R	2	0	0	0	0	(2)	(2)	S	FE	2

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TRN	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Ethyl methacrylate	318			OZ4550000						CAS No	97-63-2				
N-Ethyl-2-methylamine	2228	0	NI	0	NR	2	NI	3	2	2	3A	3	D	3	
N-Ethylmethylamine	2417									CAS No					
o-Ethyl phenol	788	2	NI	2	NI	(2)	NI	1	NI	NI	NI		S	NI	
o-Ethylphenol	535									CAS No	90-00-6				
Ethyl propionate	790	1	NI	1	NI	2	0	0	(1)	(2)	2	2	ED	2	
Ethyl propionate	319									CAS No	105-37-3				
2-Ethyl-3-propylacrolein	791	2	NI	2	R	3	NI	0	0	1	3	3	F	3	
2-Ethyl-3-propylacrolein	43									CAS No	645-62-5				
Ethyl toluene (all isomers)	2297	3	NI	3	NI	(3)	NI	0	0	0	2	2	F	2	
Ethyl toluene	346									CAS No					
Fatty acid methyl esters	2362	0	NI	0	R	2	NI	0	(0)	(2)	2	2	Fp	2	
Fatty acid methyl esters (m)	3125									CAS No					
Fatty acids, essentially linear, C6-C18, 2-ethylhexyl ester	2253	0	NI	0	R	1	NI	0	0	(1)	1	0	Fp	2	
Fatty acid (C8-C16) ethyl hexyl esters	2759									CAS No					
Fatty acids, essentially linear, C6-C18, 2-ethylhexyl ester	2253	0	NI	0	R	1	NI	0	0	(1)	1	0	Fp	2	
Fatty acids, essentially linear (C6-C18) 2-ethylhexyl ester	1914									CAS No					
Fatty acids, linear, C8-C18 saturated with C18 unsaturated	2260	(4)	NI	(4)	R	(4)	(1)	(0)	(0)	(1)	(1)	(1)	Fp	3	
Fatty acids, (C8-C18)	2779									CAS No					
Fatty acids, linear C12+ saturated with C12+ unsaturated	2261	5	0	0	(R)	0	NI	(0)	(0)	(1)	(1)	(1)	Fp	2	
Fatty acids, (C12+)	2780									CAS No					
Fatty acids saturated, C8-C10	2324	0	NI	0	R	4	NI	0	0	(3)	3C	3	Fp	3	
Fatty acids, (C8-C10)	3079									CAS No					
Fatty acids, unsaturated, linear, C16+	2259	0	0	0	R	(0)	NI	0	0	(0)	0	0	Fp	2	
Fatty acids, (C16+)	2778									CAS No					
Fatty alcohols, linear, (C12+)	2326	(5)	(2)	(2)	(R)	(4)	(1)	0	0	(1)	1	1	Fp	2	
Alcohols (C12+), primary, linear	3081									CAS No					
Fatty alcohols, linear, (C16+)	2327	(5)	(2)	(2)	(R)	(0)	(1)	0	0	(1)	1	1	Fp	2	
Alcohols, linear (C16+)	3082									CAS No					
Ferric chloride	339	Inorg	5	5	Inorg	2	0	1	(0)	(3)	2	3	D	3	

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		RTECS No	RTECS No	LJ9100000	CAS No	7705-08-0										
Ferric chloride solutions	348															
Ferric hydroxyethyl ethylene diamine triacetic acid, tri- sodium salt, solution	796	NI	NI	NI	NI	NI	NI	0	0	(1)	(0)	1			D	1
Ferric hydroxyethyl ethylene diamine triacetic acid, trisodium salt solution	349															
Ferric nitrate/nitric acid solution	337	Inorg	(5)	Inorg	(2)	(0)	0	0	(0)	(3)	3	3			D	3
Ferric nitrate/Nitric acid solution	350															
Fish oil (containing less than 10% free fatty acids)	2316	0	NI	0	R	2	NI	(0)	(0)	(1)	(0)	(1)			Fp	2
Fish oil	3046															
Fish solubles	1509	NI	NI	NI	NI	NI	NI	(0)	(0)	(0)	(0)	(0)			NI	NI
Fish solubles (water-based fish meal extract)	351															
Fluorosilicic acid	806	Inorg	0	0	Inorg	2	NI	2	(2)	4	3	3			D	3
Fluorosilicic acid	2716															
Fluorosilicic acid solution (20-30%)	2240	Inorg	2	2	Inorg	2	0	(1)	(1)	(3)	3B	3	T		D	3
Fluorosilicic acid (20-30%) in water solution	353															
Formaldehyde (37%-50% solution)	807	0	NI	0	R	2	NI	2	2	3	3	3	CSM	NT	D	3
Formaldehyde solutions (45% or less)	354															
Formaldehyde, polymer with isobutylenated phenol	2377	NI	NI	NI	NR	NI	NI	NI	NI	NI	NI	NI			Fp	NI
Formaldehyde, polymer with isobutylenated phenol	1203															
Formamide	808	0	NI	0	NR	1	NI	0	0	1	1	2	R		D	3
Formamide	355															
Formic acid (85% or less acid)	809	0	NI	0	R	2	NI	1	(1)	2	3C	3			D	3
Formic acid mixture (containing up to 18% propionic acid and up to 25% sodium formate)	2408	0	NI	0	R	1	NI	(0)	(0)	(2)	(2)	(3)			D	3
Formic acid mixture (containing up to 18% propionic acid and up to 25% sodium formate)	3684															
Fumaric adduct of rosin (water dispersion)	810	3	NI	3	NR	3	NI	0	(0)	(3)	0	3	S		D	3
Fumaric adduct of rosin, water dispersion	357															
Furfural	812	0	NI	0	R	2	1	2	(2)	3	2	2	C		D	3
Furfural	358															
Furfuryl alcohol	813	0	NI	0	R	1	NI	2	2	3	2	2			D	2
Furfuryl alcohol	359															
Glucitol/glycerol blend propoxylated (containing 10% or more amines)	2441	2	NI	2	NR	1	1	1	0	(2)	(1)	(1)			D	2

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	RTECS No			CAS No											
Glucitol/glycerol blend propoxylated (containing 10% or more amines)	3919														
Glucitol/glycerol blend, propoxylated (containing less than 10% amines)	2368	0	NI	0	NR	1	NI	1	0	(2)	(1)	(1)		SD	2
Glucitol/glycerol blend propoxylated (containing less than 10% amines)	3074														
Glycerine	814	0	NI	0	R	0	0	0	0	(1)	0	1		D	1
Glycerine	363														
Glycerine (83%)/Dioxane-dimethanol (17%) mixture	1743	NI	NI	NI	R	1	NI	0	(0)	(1)	(0)	1		D	1
Glycerine (83%), Dioxanedimethanol (17%) mixture	364														
Glycerol ethoxylated	2360	0	NI	0	R	0	NI	0	0	(0)	0	0		D	0
Glycerol ethoxylated	3123														
Glycerol monooleate	1898	0	0	0	R	0	NI	0	(0)	(1)	1	1		Fp	2
Glycerol monooleate	365														
Glycerol propoxylated	2346	0	NI	0	NR	1	NI	1	0	(2)	1	0		D	2
Glycerol propoxylated	3110														
Glycerol, propoxylated and ethoxylated	2276	0	NI	0	NR	1	0	0	0	0	0	0		SD	2
Glycerol, propoxylated and ethoxylated	2872														
Glycerol/sorbitol blend, propoxylated and ethoxylated	2372	0	NI	0	NR	2	NI	NI	NI	NI	NI	NI		NI	NI
Glycerol/sorbitol blend, propoxylated and ethoxylated	3136														
Glycerol/sucrose blend, propoxylated and ethoxylated	2361	0	NI	0	NR	1	NI	0	0	0	0	0		SD	0
Glycerol/sucrose blend propoxylated and ethoxylated	3124														
Glycerol triacetate	816	0	NI	0	R	1	0	1	0	0	0	1		D	1
Glycerol triacetate	367														
Glycidyl ester of C10 trialkyl acetic acid	441	3	NI	3	NR	3	NI	0	0	(2)	2	1		F	2
Glycidyl ester of C10 trialkylacetic acid	368														
Glycine, Sodium salt, solution	817	0	NI	0	NI	0	NI	0	(0)	(1)	(0)	(1)		D	1
Glycine, sodium salt solution	369														
Glycolic acid	2218	0	0	0	R	1	NI	1	(1)	2	3C	3		D	3
Glycolic acid solution (70% or less)	2539														
Glyoxal solutions (40% or less)	84	0	NI	0	R	1	NI	0	0	2	2	3	MS	D	3
Glyoxal solution (40% or less)	370														
Glyoxylic acid	1535	0	NI	0	R	2	0	0	0	(3)	0	3	S	D	3

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		RTECS No	RTECS No	MD4550000	CAS No	298-12-4										
Glyoxylic acid solution (50 % or less)	371															
Glyphosate solution, without surfactant	1765	0	0	0	NR	3	0	0	0	(3)	0	3			D	3
Glyphosate solution (not containing surfactant)	2204															
		RTECS No	RTECS No	MC1075000	CAS No	1071-83-6										
Grape Seed Oil	2442	(0)	NI	(0)	(R)	(0)	(0)	(0)	(0)	(1)	(0)	(1)			Fp	2
Grape Seed Oil	3643															
		RTECS No	RTECS No		CAS No	8024-22-4										
Groundnut oil	820	0	NI	0	R	(2)	NI	(0)	(0)	(0)	(0)	0			Fp	2
Groundnut oil	2769															
		RTECS No	RTECS No	RX2830000	CAS No	8002-03-7										
Heptane	827	4	NI	4	R	4	NI	0	0	0	(1)	1	A		E	2
Heptane (all isomers)	372															
		RTECS No	RTECS No	MI7700000	CAS No	142-82-5										
Heptanoic acid	831	2	NI	2	R	1	NI	0	0	1	3B	(3)			FD	3
n-Heptanoic acid	479															
		RTECS No	RTECS No	MJ1575000	CAS No	111-14-8										
Heptanol (all isomers)	2223	2	NI	2	R	(2)	NI	0	0	(2)	(1)	(2)			FD	2
Heptanol (all isomers) (d)	373															
		RTECS No	RTECS No		CAS No											
1-Heptanol	828	2	NI	2	R	2	0	1	0	2	(2)	(2)			FD	2
1-Heptanol	2688															
		RTECS No	RTECS No	MK0350000	CAS No	111-70-6										
Heptene (all isomers)	2225	3	NI	3	NI	2	NI	(0)	(0)	(0)	(2)	(1)			E	2
Heptene (all isomers)	374															
		RTECS No	RTECS No		CAS No											
1-Heptene	832	3	NI	3	NI	2	NI	(0)	(0)	(0)	(2)	(1)			E	2
1-Heptene	2685															
		RTECS No	RTECS No	MJ8815000	CAS No											
Heptyl acetate	833	3	NI	3	(R)	(3)	NI	0	0	(2)	1	2			F	2
Heptyl acetate	375															
		RTECS No	RTECS No	AH9901000	CAS No	112-06-1										
Hexadecyl naphthalene/dihexadecyl naphthalene mixture	2159	0	NI	0	NR	0	NI	0	0	(1)	1	1			Fp	2
1-Hexadecyl/naphthalene / 1,4-bis(hexadecyl)naphthalene mixture	2373															
		RTECS No	RTECS No		CAS No											
Hexamethylene diamine	845	0	NI	0	R	2	NI	1	1	(3)	3A	3	SR		D	3
Hexamethylenediamine solution	380															
		RTECS No	RTECS No	MO1180000	CAS No	124-09-4										
Hexamethylene diamine	845	0	NI	0	R	2	NI	1	1	(3)	3A	3	SR		D	3
Hexamethylenediamine (molten)	378															
		RTECS No	RTECS No	MO1180000	CAS No	124-09-4										
Hexamethylene diamine	845	0	NI	0	R	2	NI	1	1	(3)	3A	3	SR		D	3
Hexamethylenediamine	377															
		RTECS No	RTECS No	MO1180000	CAS No	124-09-4										
Hexamethylene diamine adipate, 50% in water	846	0	NI	0	R	1	NI	0	(0)	(0)	0	0			D	0

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		RTECS No	RTECS No	AV1940000	CAS No	3323-53-3										
Hexamethylenediamine adipate (50% in water)	379															
Hexamethylene diisocyanate	2142	3	0	0	NR	2	NI	1	2	4	3	3	S	S	S	3
Hexamethylene diisocyanate	18															
Hexamethylene glycol	847	0	NI	0	R	1	NI	0	0	(1)	0	1				D
Hexamethylene glycol	376															
Hexamethylenimine	848	1	NI	1	NI	2	NI	3	1	2	2	2				FED
Hexamethylenimine	381															
Hexamethylene tetramine (40% solution)	849	0	NI	0	R	0	NI	0	0	(1)	0	1	S	D	D	2
Hexamethylenetetramine solutions	382															
Hexane	850	3	NI	3	R	4	NI	0	0	0	2	2	NA	E	E	2
Hexane	2683															
Hexane	850	3	NI	3	R	4	NI	0	0	0	2	2	NA	E	E	2
Hexane (all isomers)	383															
Hexane (all isomers)	2143	4	NI	4	NR	2	NI	0	0	2	1	2				FED
1,6-Hexanediol, distillation overheads	2641															
1,6-Hexanediol, distillation overheads	853	2	NI	2	R	2	NI	0	0	(3)	(3)	3				FD
Hexanoic acid	384															
Hexanoic acid	854	1	0	0	(R)	2	NI	1	0	(3)	1	3				FD
1-Hexanol	385															
Hexanol	2224	3	NI	3	R	3	NI	(0)	(0)	(1)	(1)	(1)				E
Hexene (all isomers)	386															
Hexene (all isomers)	855	3	NI	3	R	3	NI	0	0	0	1	1				E
1-Hexene	2681															
1-Hexene	856	3	NI	3	R	3	NI	(0)	(0)	0	(1)	(1)				E
2-Hexene (mixed isomers)	2682															
2-Hexene (mixed isomers)	857	2	NI	2	NI	3	NI	0	0	(1)	1	1				FE
Hexyl acetate	387															
Hexyl acetate	858	2	NI	2	NI	3	NI	0	0	0	1	(2)				FED
sec-Hexyl acetate	456															
Methylamyl acetate	859	0	NI	0	R	0	0	0	0	(3)	2	3				D
Hexylene glycol																

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		RTECS No	RTECS No	SA0810000	CAS No	107-41-5										
Hexylene glycol	388															
Hydrocarbon waxes	2278	0	NI	0	NR	0	0	0	0	(0)	1	1			Fp	2
Hydrocarbon waxes	2886		RTECS No						CAS No							
Hydrochloric acid	864	Inorg	0	0	Inorg	1	NI	1	1	3	3C	3			DE	3
Hydrochloric acid	389	RTECS No			MW4025000				CAS No		7647-01-0					
Hydrogenated Starch Hydrolysate	2347	0	NI	0	R	0	NI	0	0	(0)	0	0			D	0
Hydrogenated starch hydrolysate	3077		RTECS No						CAS No							
Hydrogen peroxide, more than 60%	867	Inorg	0	0	Inorg	3	NI	1	0	2	3	3			D	3
Hydrogen peroxide, more than 60%	2689	RTECS No			MX0900000				CAS No		7722-84-1					
Hydrogen peroxide, more than 60%	867	Inorg	0	0	Inorg	3	NI	1	0	2	3	3			D	3
Hydrogen peroxide solutions (over 60% but not over 70% by mass)	390	RTECS No			MX0900000				CAS No		7722-84-1					
Hydrogen peroxide, more than 8% but not more than 60%	2231	Inorg	0	0	Inorg	3	NI	1	0	(2)	3	3			D	3
Hydrogen peroxide, more than 8% but not more than 60%	2690	RTECS No							CAS No							
Hydrogen peroxide, more than 8% but not more than 60%	2231	Inorg	0	0	Inorg	3	NI	1	0	(2)	3	3			D	3
Hydrogen peroxide solutions (over 8% but not over 60% by mass)	391	RTECS No							CAS No							
N-(2-Hydroxyethyl) ethylene diamine triacetic acid, trisodium salt (solution)	870	0	NI	0	NI	1	NI	0	0	(1)	1	1	R		D	3
N-(Hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt solution	470	RTECS No			MB9185000				CAS No		150-30-0					
2-Hydroxy-4-(methylthio) butanoic acid	871	1	NI	1	R	1	NI	0	0	(3)	1	3			D	3
2-Hydroxy-4-(methylthio)butanoic acid	49	RTECS No			ET4761500				CAS No		583-91-5					
lcosa(oxypropane-2,3-diyl)s	2092	NI	NI	NI	NI	NI	NI	0	(0)	(2)	2	(2)			Fp	2
lcosa(oxypropane-2,3-diyl)s	2691		RTECS No						CAS No							
lcosa(oxypropane-2,3-diyl)s	2092	NI	NI	NI	NI	NI	NI	0	(0)	(2)	2	(2)			Fp	2
lcosa(oxypropane-2,3-diyl)s	392	RTECS No							CAS No							
llipe oil (containing less than 10% free fatty acids)	2304	(0)	NI	(0)	(R)	(0)	NI	(0)	(0)	(0)	(0)	(0)			Fp	2
llipe oil	3034		RTECS No						CAS No							
Interesterified Mixed Vegetable Oils	2355	0	NI	0	R	(0)	NI	(0)	(0)	(1)	(1)	(1)			Fp	2
Interesterified vegetable oils	3115	RTECS No							CAS No							
Isobutanol	382	0	NI	0	R	1	0	0	0	1	2	3			D	3
Isobutyl alcohol	397	RTECS No			NP9625000				CAS No		78-83-1					
Isobutyl formate	405	1	NI	1	NI	1	NI	0	(0)	0	(1)	(2)			E	2

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	RTECS No	RTECS No	RTECS No	LQ8650000	CAS No	542-55-2									
Isobutyl formate	398														
Isobutyl methacrylate	408	2	NI	2	NR	1	NI	0	0	2	2	S		FED	2
Isobutyl methacrylate	2673														
Isobutyric acid	419	0	NI	0	R	2	NI	2	2	(3)	3	3		E	NI
Isobutyric acid	2459														
Isodecanol	557	3	2	2	R	3	NI	0	0	2	1			Fp	2
Decyl alcohol (all isomers)	219														
Isononanol	1059	3	NI	3	NR	3	1	0	0	(2)	2	2		Fp	2
Nonyl alcohol (all isomers)	510														
Isononylaldehyde	2300	3	NI	3	NR	(3)	NI	0	0	(2)	2	1		F	2
Isononylaldehyde	2754														
Isooctaldehyde	1071	2	NI	2	NI	3	NI	0	0	(1)	1	1		F	1
Octyl aldehydes	542														
Isooctanol	1076	3	NI	3	R	2	0	1	0	(2)	2	(2)		F	2
iso-Octanol	2675														
Isooctylamine	1081	2	NI	2	NI	3	NI	1	1	3	3	3		FD	3
2-Ethylhexylamine	48														
Isopentene	1113	2	NI	2	NI	2	NI	(0)	(0)	(0)	(1)			E	2
iso-Pentene	2677														
Isophorone	879	1	1	1	R	2	0	1	1	(2)	1	2		FD	2
Isophorone	399														
Isophorone diamine	880	0	0	0	NR	2	0	1	(1)	(3)	3	3	S	D	3
Isophoronediamine	401														
Isophorone diisocyanate	881	1	NI	1	NR	3	NI	0	0	3	3	3	SA	S	3
Isophorone diisocyanate	400														
Isoprene	882	2	2	2	NR	2	NI	0	0	1	2	2	CM	E	3
Isoprene	402														
Isopropanol	1181	0	NI	0	R	0	0	0	0	1	2			D	2
Isopropyl alcohol	405														
Isopropanolamine	1182	0	NI	0	R	2	NI	0	1	0	3	3		D	3

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	403	RTECS No	UA5775000	CAS No	78-96-6												
Isopropanolamine	1192	1	NI	1	R	1	NI	0	0	0	1	2				ED	2
Isopropyl acetate	404		RTECS No	AI4930000	CAS No	108-21-4											
Isopropylamine	1195	0	NI	0	R	2	NI	2	2	1	3	3				DE	3
Isopropylamine (70%)	407		RTECS No	NT8400000	CAS No	75-31-0											
Isopropylamine (70% or less) solution	2350	0	NI	0	R	2	NI	2	2	1	3	3				DE	3
Isopropyl benzene	395		RTECS No		CAS No												
Isopropylbenzene	1197	3	2	2	R	3	NI	0	0	0	2	1				FE	2
Isopropyl benzene (all isomers)	2687		RTECS No	GR8575000	CAS No	98-82-8											
Propylbenzene	1197	3	2	2	R	3	NI	0	0	0	2	1				FE	2
Isopropyl cyclohexane	623		RTECS No	GR8575000	CAS No	98-82-8											
Isopropylcyclohexane	1199	4	NI	4	(NR)	(3)	NI	(0)	(0)	(1)	(0)	(1)				FE	2
Isopropyltoluenes	408		RTECS No		CAS No	696-29-7											
p-Cymene	549	4	4	4	(NR)	3	NI	0	(0)	1	2	(1)				FE	2
Isovaleraldehyde	552		RTECS No	GZ5950000	CAS No	99-87-6											
Valeraldehyde (all isomers)	1390	1	NI	1	R	3	NI	0	0	0	2	2				D	2
Jatropa oil	731		RTECS No	ES3450000	CAS No	590-86-3											
Jatropa oil	2402	0	NI	(0)	(R)	(2)	NI	(0)	(0)	(0)	(0)	(0)				Fp	2
Kaolin slurry	3637		RTECS No		CAS No												
Kaolin slurry	883	Inorg	NI	0	Inorg	0	NI	0	0	0	0	0				S	0
Lactic acid	409		RTECS No	GF1670500	CAS No	1332-58-7											
Lactonitrile solution (80% or less)	886	0	NI	0	R	1	NI	0	0	(3)	2	3				D	3
Lactonitrile solution (80% or less)	410		RTECS No	OD2800000	CAS No	50-21-5											
Lactonitrile solution (80% or less)	887	0	NI	0	R	4	NI	3	4	(4)	NI	NI				D	3
Lard (containing less than 10% free fatty acids)	411		RTECS No	OD8225000	CAS No	78-97-7											
Lard	2317	0	NI	0	R	0	NI	0	(0)	(1)	0	1				Fp	2
Latex, ammonia inhibited	3047		RTECS No		CAS No												
Latex, ammonia (1% or less)- inhibited	889	0	NI	0	NI	(2)	NI	0	0	(1)	0	1				D	1
Lauric acid	413		RTECS No		CAS No												
Lauric acid	891	4	NI	4	R	4	1	0	(0)	(2)	1	2				Fp	2

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		RTECS No	RTECS No	RTECS No	OE9800000	CAS No	143-07-7									
Lauric acid	415															
Lauryl methacrylate	893	0	2	2	R	0	0	0	(0)	(1)	1	1				F
Dodecyl methacrylate	300															
		RTECS No	RTECS No	RTECS No	OZ4300000	CAS No	142-90-5									
Lecithin (soybeans)	2146	0	NI	0	R	0	NI	0	0	(0)	0	(0)				SD
Lecithin	417															
		RTECS No	RTECS No	RTECS No	CAS No											
Lignin sulphonic acid, salt solution	34	0	NI	0	(NR)	(0)	NI	0	(0)	(0)	(0)	(0)				D
Ligninsulphonic acid, sodium salt solution	419															
		RTECS No	RTECS No	RTECS No	CAS No											
Linear alkyl (C12-16) propoxylamine ethoxylate	2380	3	0	3	NR	4	NI	1	(1)	(3)	3	(3)	S			D
Alkyl(C12-C16) propoxylamine ethoxylate	3423															
		RTECS No	RTECS No	RTECS No	CAS No											
Linseed oil (containing less than 4% free fatty acids)	2318	0	NI	0	R	(2)	NI	0	(0)	(1)	0	(1)				Fp
Linseed oil	3048															
		RTECS No	RTECS No	RTECS No	CAS No											
Long chain alkaryl polyether (C11-C20) (LOA)	1982	(4)	NI	(4)	NR	3	(1)	0	0	(2)	0	2				Fp
Long-chain alkaryl polyether (C11-C20)	421															
		RTECS No	RTECS No	RTECS No	CAS No											
Long chain alkaryl sulphonic acid (C16-C60) (LOA)	1966	0	NI	0	(NR)	0	NI	0	0	(2)	(1)	2				Fp
Long-chain alkaryl sulphonic acid (C16-C60)	424															
		RTECS No	RTECS No	RTECS No	CAS No											
Long-chain alkylphenate/Phenol sulphide mixture	1754	(0)	NI	(0)	(NR)	0	NI	0	0	(2)	2	2	S			Fp
Long-chain alkylphenate/Phenol sulphide mixture	425															
		RTECS No	RTECS No	RTECS No	CAS No											
Long-chain polyetheramine in alkyl(C2-C4)benzenes	1457	NI	NI	NI	NR	2	NI	0	0	(2)	2	2				Fp
	422															
		RTECS No	RTECS No	RTECS No	CAS No											
Lubrizol polyolefin anhydride	1865	0	NI	0	NR	1	NI	0	0	(2)	1	(2)				Fp
Polyolefin anhydride	605															
		RTECS No	RTECS No	RTECS No	CAS No											
L-Lysine solution (50% or less)	2199	0	0	0	R	1	0	0	0	0	1	NI				D
L-Lysine solution (60% or less)	2306															
		RTECS No	RTECS No	RTECS No	CAS No											
Magnesium alkyl (long chain) salicylate (overbased) in mineral oil (LOA)	71	(0)	NI	(0)	NR	(2)	NI	0	0	(1)	(1)	(1)	S			S
Magnesium long-chain alkyl salicylate (C11+)	429															
		RTECS No	RTECS No	RTECS No	CAS No											
Magnesium chloride	915	Inorg	0	0	Inorg	1	0	0	0	(0)	0	0				D
Magnesium chloride solution	427															
		RTECS No	RTECS No	RTECS No	OM2800000	CAS No	7786-30-3									
Magnesium hydroxide slurry	916	Inorg	0	0	Inorg	0	NI	0	0	(1)	(0)	1				S
Magnesium hydroxide slurry	428															
		RTECS No	RTECS No	RTECS No	OM3570000	CAS No	1309-42-8									
Magnesium lignosulphonate solutions	2356	(0)	NI	(0)	(NR)	(0)	NI	0	0	(0)	(0)	(0)				D

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		RTECS No															CAS No
Ligninsulphonic acid, magnesium salt solution	3116																
Magnesium long chain alkaryl sulphonate (C11-C50) (LOA)	1967	0	NI	0	NR	0	NI	0	0	(2)	1	2	S			Fp	3
Magnesium long-chain alkaryl sulphonate (C11-C50)	430	RTECS No															CAS No
Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	2412	0	NI	0	NR	0	NI	(0)	(0)	(0)	(0)	(0)				D	0
Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	3688	RTECS No															CAS No
Maleic anhydride	921	1	NI	1	R	2	0	1	2	(3)	3	3	S			D	3
Maleic anhydride	431	RTECS No ON3675000															CAS No 108-31-6
Maleic anhydride - sodium allylsulfonate copolymer(aqueous solution)	2410	0	NI	0	NR	1	NI	0	0	(0)	(0)	0				D	0
Maleic anhydride-sodium allylsulfonate copolymer solution	3686	RTECS No															CAS No
Maltitol Syrup	2348	0	NI	0	R	0	NI	0	0	(0)	0	0				D	0
Maltitol solution	3078	RTECS No															CAS No
Mango kernal oil (containing less than 10% free fatty acids)	2305	(0)	NI	(0)	(R)	(0)	NI	(0)	(0)	(0)	(0)	(0)				Fp	2
Mango kernel oil	3035	RTECS No															CAS No
2-Mercaptobenzothiazol	925	2	1	1	NR	4	2	0	0	(0)	0	0	S			S	2
Mercaptobenzothiazol, sodium salt solution	432	RTECS No DL6475000															CAS No 149-30-4
Mesityl oxide	946	1	NI	1	R	(1)	NI	1	0	2	2	2				D	2
Mesityl oxide	433	RTECS No SB4200000															CAS No 141-79-7
Metam-sodium (ISO)	202	0	NI	0	NR	4	NI	1	2	(2)	2	1	S			D	2
Metam sodium solution	434	RTECS No FC2100000															CAS No 137-42-8
Methacrylic acid-alkoxypoly (alkylene oxide) methacrylate co-polymer sodium salt (45% or less solution)	2288	NI	0	0	NR	1	NI	0	(0)	(1)	1	0				D	1
Methacrylic acid - alkoxypoly (alkylene oxide) methacrylate copolymer, sodium salt aqueous solution (45% or less)	2819	RTECS No															CAS No
Methacrylic acid, inhibited	948	0	NI	0	R	2	0	1	2	2	3	3				D	3
Methacrylic acid	435	RTECS No OZ2975000															CAS No 79-41-4
Methacrylic resin in 1,2-Dichloroethane soln.	2046	1	1	1	NR	2	0	(1)	(0)	(2)	(1)	(2)	C			SD	3
Methacrylic resin in ethylene dichloride	436	RTECS No															CAS No
Methacrylonitrile	949	0	NI	0	R	2	0	2	2	3	1	1	S	NT		ED	3
Methacrylonitrile	437	RTECS No UD1400000															CAS No 126-98-7
Methanol	951	0	NI	0	R	0	0	(2)	(2)	(2)	2	2	T			DE	3
Methyl alcohol	441	RTECS No PC1400000															CAS No 67-56-1

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(2-Methoxymethylethoxy)propanols	2452	0	NI	0	R	0	(0)	0	0	(0)	0	0	0			D	0
	3870		RTECS No						CAS No								
Methyl acetate	954	0	NI	0	R	1	NI	0	0	0	1	2				DE	2
Methyl acetate	438		RTECS No	A19100000					CAS No	79-20-9							
Methyl acetoacetate	335	0	NI	0	R	1	NI	0	0	(2)	1	2				D	2
Methyl acetoacetate	439		RTECS No	AK5775000					CAS No	105-45-3							
Methyl acrylate	955	0	NI	0	R	3	NI	1	1	2	2	3	MS			D	3
Methyl acrylate	440		RTECS No	AT2800000					CAS No	96-33-3							
Methylamine solution 42% or less	957	0	NI	0	R	2	NI	2	(2)	3	3	3	M	NT	DE	3	3
Methylamine solutions (42% or less)	455		RTECS No	PF6300000					CAS No	74-89-5							
Methyl amyl alcohol	958	1	NI	1	R	1	NI	1	0	2	1	3				FED	3
Methylamyl alcohol	457		RTECS No	SA7350000					CAS No	108-11-2							
Methyl amyl ketone	959	1	NI	1	NI	1	NI	1	0	0	1	1				FED	2
Methyl amyl ketone	442		RTECS No	MJ5075000					CAS No	110-43-0							
N-Methyl aniline	961	1	NI	1	(NR)	3	1	1	1	(2)	(1)	1				FD	2
N-Methylaniline	3107		RTECS No	BY4550000					CAS No	100-61-8							
alpha-Methylbenzyl alcohol with acetophenone (15% or less)	2399	1	NI	1	(R)	(1)	NI	(1)	(0)	(3)	(2)	(3)	R			Fp	3
alpha-Methylbenzyl alcohol with acetophenone (15% or less)	3634		RTECS No						CAS No	98-85-1							
2-Methyl-2-butanol	964	1	1	1	(R)	(1)	0	1	1	1	3	2				D	3
tert-Amyl alcohol	685		RTECS No	SC0175000					CAS No	75-85-4							
3-Methyl-1-butanol	965	1	1	1	(R)	1	0	1	0	(2)	2	2				FED	2
Amyl alcohol, primary	126		RTECS No	EL5425000					CAS No	123-51-3							
3-Methyl-1-butanol	965	1	1	1	(R)	1	0	1	0	(2)	2	2				FED	2
Isoamyl alcohol	396		RTECS No	EL5425000					CAS No	123-51-3							
Methyl butenol	967	0	NI	0	R	2	NI	1	0	(2)	2	2				D	2
Methylbutenol	458		RTECS No	EM9472500					CAS No	556-82-1							
Methyl tert-butyl ether	969	1	NI	1	NR	1	0	0	0	0	2	1		T	ED	2	2
Methyl tert-butyl ether	454		RTECS No	KN5250000					CAS No	1634-04-4							
Methyl butyl ketone	970	1	NI	1	(R)	1	(0)	0	0	0	1	1	RN			FED	3
Methyl butyl ketone	443		RTECS No	MP1400000					CAS No	591-78-6							

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Methylbutynol	968	0	NI	0	NR	1	NI	1	1	0	0	2				D	2
Methylbutynol	459		RTECS No	ES0810000					CAS No	115-19-5							
Methylbutynol	968	0	NI	0	NR	1	NI	1	1	0	0	2				D	2
2-Methyl-2-hydroxy-3-butyne	52		RTECS No	ES0810000					CAS No	115-19-5							
Methyl butyrate	973	1	NI	1	NI	(2)	NI	0	0	2	2	(2)				ED	2
Methyl butyrate	444		RTECS No	ET5500000					CAS No	623-42-7							
Methyl cyclohexane	976	3	3	3	NR	3	1	0	0	1	1	1	A			E	2
Methylcyclohexane	460		RTECS No	GV6125000					CAS No	108-87-2							
Methyl cyclopentadiene, dimer	977	4	NI	4	(NR)	(3)	NI	0	(0)	(2)	(2)	(2)				F	2
Methylcyclopentadiene dimer	461		RTECS No	PC1075000					CAS No	26472-00-4							
Methyl cyclopentadienyl manganese tricarbonyl (60-70%) in mineral oil	2213	3	NI	3	NR	4	NI	2	3	4	1	1				S	3
Methylcyclopentadienyl manganese tricarbonyl	2692		RTECS No						CAS No								
N-Methyldiethanolamine	1491	0	NI	0	R	2	NI	1	0	(2)	1	2				D	2
Methyl diethanolamine	445		RTECS No	KL7525000					CAS No	105-59-9							
Methylene dithiocyanate	2235	2	NI	2	NR	5	NI	2	0	4	3	3	S			NI	3
Methylene bithiocyanate	2693		RTECS No						CAS No	6317-18-6							
2-Methyl-6-ethylaniline	984	2	NI	2	NR	2	NI	1	1	(2)	0	2				FD	2
2-Methyl-6-ethyl aniline	54		RTECS No	BY5600000					CAS No	24549-06-2							
2-Methyl-5-ethylpyridine	986	2	NI	2	R	2	0	1	2	(3)	3	3				FD	3
2-Methyl-5-ethyl pyridine	53		RTECS No	TJ6825000					CAS No	104-90-5							
Methyl formate	987	0	NI	0	R	1	NI	1	0	2	0	2				DE	2
Methyl formate	447		RTECS No	LQ8925000					CAS No	107-31-3							
N-Methylglucamine, 60% aqueous solution	2048	0	NI	0	R	0	NI	1	0	(3)	0	3				D	3
N-Methylglucamine solution (70% or less)	482		RTECS No	000000000					CAS No	6284-40-8							
2-Methylglutaronitrile with 2-Ethylsuccinonitrile (12% or less)	2397	0	NI	0	R	0	NI	2	2	3	0	1				FD	2
2-Methylglutaronitrile with 2-Ethylsuccinonitrile (12% or less)	3632		RTECS No						CAS No	4553-62-2							
Methyl heptyl ketone	988	3	NI	3	R	3	NI	0	0	NI	NI	NI				FED	NI
Methyl heptyl ketone	448		RTECS No	RA8225000					CAS No	821-55-6							
Methyl isobutyl ketone	971	1	NI	1	R	1	0	1	0	2	2	3				FED	3
Methyl isobutyl ketone	449		RTECS No	SA9275000					CAS No	108-10-1							

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Methyl methacrylate	995	1	NI	1	R	2	NI	0	0	0	2	2	S		ED	2
Methyl methacrylate	450	RTECS No			OZ5075000				CAS No		80-62-6					
3-Methyl-3-methoxy butanol	996	1	NI	1	NR	0	NI	0	(0)	(2)	1	(2)		FD		2
3-Methyl-3-methoxybutanol	59	RTECS No							CAS No							
3-Methyl-3-methoxybutyl acetate	997	1	NI	1	NR	0	NI	0	(0)	NI	NI	NI		F		NI
3-Methyl-3-methoxybutyl acetate	60	RTECS No							CAS No							
Methyl naphthalenes	1999	4	NI	4	(NR)	(4)	NI	1	0	(2)	1	1		T	F	2
Methyl naphthalene (molten)	451	RTECS No							CAS No							
2-Methyl pentane	1000	3	NI	3	NI	4	NI	(0)	(0)	(2)	(2)	(2)		E		2
2-Methylpentane	2684	RTECS No			SA2995000				CAS No		107-83-5					
2-Methyl-1,3-propanediol	2200	0	0	0	NR	0	0	0	0	(0)	0	0		D		0
2-Methyl-1,3-propanediol	2213	RTECS No							CAS No							
Methyl propyl ketone	1003	0	NI	0	(R)	0	NI	1	0	(2)	1	2		FED		2
Methyl propyl ketone	452	RTECS No			SA7875000				CAS No		107-87-9					
2-Methyl pyridine	1005	1	NI	1	R	1	NI	1	2	1	3A	3		D		3
2-Methylpyridine	55	RTECS No			TJ4900000				CAS No		109-06-8					
3-Methylpyridine	1006	1	NI	1	R	1	NI	1	2	2	3	3		D		3
3-Methylpyridine	61	RTECS No			TJ5000000				CAS No		108-99-6					
4-Methylpyridine	1007	1	NI	1	(R)	1	NI	1	2	2	3	3		D		3
4-Methylpyridine	63	RTECS No			UT5425000				CAS No		108-89-4					
N-Methylpyrrolidone	1008	0	NI	0	R	1	NI	0	0	2	1	2	R	D		3
N-Methyl-2-pyrrolidone	481	RTECS No			UY5790000				CAS No		872-50-4					
Methyl salicylate	86	2	NI	2	R	2	NI	1	1	(2)	2	1	R	SD		3
Methyl salicylate	453	RTECS No			VO4725000				CAS No		119-36-8					
alpha-Methylstyrene	1010	3	3	3	NR	3	NI	0	0	1	2	1	M	(T)	FE	3
alpha-Methylstyrene	107	RTECS No			WL5075300				CAS No		98-83-9					
3-(Methylthio) propionaldehyde	993	0	NI	0	R	3	1	1	1	2	2	3	NS	T	D	3
3-(methylthio)propionaldehyde	2368	RTECS No			UE2285000				CAS No		3268-49-3					
Metolachlor (ISO)	113	2	2	2	NR	5	1	1	0	(2)	1	0	S	S		2
N-(2-Methoxy-1-methyl ethyl)-2-ethyl-6-methyl chloroacetanilide	469	RTECS No			AN3430000				CAS No		51218-45-2					

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
Mixed acid oil	2306	(0)	NI	(0)	(R)	(0)	NI	0	(0)	(1)	(1)	1				Fp	2
Acid oil mixture from soyabean, corn (maize) and sunflower oil refining	3036		RTECS No						CAS No								
Mixture of dithiophosphate salts in water	2381	1	0	1	NR	2	NI	0	0	(2)	2	2				D	2
Dialkyl thiophosphates sodium salts solution	3424		RTECS No						CAS No								
Molasses	1013	0	NI	0	R	0	NI	0	0	0	0	0				D	0
Molasses	462		RTECS No						CAS No								
Molybdenum polysulfide long chain alkyl dithiocarbamide complex	2344	4	2	2	NR	2	0	0	0	(2)	2	2				Fp	2
Molybdenum polysulfide long chain alkyl dithiocarbamide complex	3108		RTECS No						CAS No								
Mononitrobenzene	1017	1	1	1	R	3	(4)	(2)	2	2	1	1	CRT			SD	3
Nitrobenzene	501		RTECS No		DA6475000				CAS No		98-95-3						
Morpholine	1018	0	0	0	R	2	NI	1	2	2	3	3				D	3
Morpholine	463		RTECS No		QD6475000				CAS No		110-91-8						
Myrcene	1019	4	NI	4	R	4	1	0	0	(2)	2	NI				F	2
Myrcene	465		RTECS No		RG5365000				CAS No		123-35-3						
Naphthalene (molten)	1	3	3	3	NR	4	1	1	(0)	(1)	0	0	T			T	S
Naphthalene (molten)	493		RTECS No		QJ0525000				CAS No		91-20-3						
Naphthalene, crude (molten) (#)	2459	NI	(3)	(3)	NR	3	0	0	(0)	(2)	2	2	CMT			Fp	3
Raw Naphthalene, molten	3858		RTECS No						CAS No		85117-10-8						
Naphthalene sulphonic acid condensed with formaldehyde, sodium salt, solution	1020	0	1	1	(NR)	1	NI	0	(0)	(1)	0	1				D	1
Naphthalenesulphonic acid-Formaldehyde copolymer, sodium salt solution	494		RTECS No		EC4850000				CAS No		9084-06-4						
Neodecanoic acid	1025	4	NI	4	NR	2	NI	0	0	(2)	0	2				Fp	2
Neodecanoic acid	496		RTECS No						CAS No		26896-20-8						
Nitric acid (90% or less)	1029	Inorg	NI	0	Inorg	2	NI	(3)	(1)	3	3C	3				D	3
Nitric acid (70% and over)	498		RTECS No		QU5775000				CAS No		7697-37-2						
Nitric acid (90% or less)	1029	Inorg	NI	0	Inorg	2	NI	(3)	(1)	3	3C	3				D	3
Nitric acid (less than 70%)	499		RTECS No		QU5775000				CAS No		7697-37-2						
Nitriiotriacetic acid, trisodium salt	1030	0	NI	0	R	1	0	1	(0)	0	1	1	CMR			D	3
Nitriiotriacetic acid, trisodium salt solution	500		RTECS No		MB8400000				CAS No		5094-31-3						
Nitroethane	1037	0	NI	0	NR	2	NI	1	0	(2)	(0)	(1)				SD	2
Nitroethane	502		RTECS No		KI5600000				CAS No		79-24-3						

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
Nitroethane (80%)/Nitropropane (20%)	2245	0	1	1	NR	2	NI	1	1	2	0	1				E	2
Nitroethane(80%)/ Nitropropane(20%)	503		RTECS No						CAS No								
Nitroethane, 1-Nitropropane (each 15% or more) mixture	2270	(0)	(1)	(1)	(NR)	(2)	NI	1	1	2	0	1				FED	2
Nitroethane, 1-Nitropropane (each 15% or more) mixture	2212		RTECS No						CAS No								
2-Nitrophenol	1041	1	2	2	R	3	(2)	0	0	(1)	1	1				S	1
o-Nitrophenol (molten)	536		RTECS No		SM2100000				CAS No		88-75-5						
1-Nitropropane	1044	0	1	1	NR	1	NI	1	0	2	0	1				FED	2
1-Nitropropane	2747		RTECS No		TZ5075000				CAS No		108-03-2						
1- or 2- Nitropropane	2242	0	1	1	NR	1	NI	2	0	2	0	1	C			FED	3
1- or 2-Nitropropane	20		RTECS No						CAS No								
2-Nitropropane	1045	0	1	1	NR	2	NI	2	0	2	0	0	C			FED	3
2-Nitropropane	2748		RTECS No		TZ5250000				CAS No		79-46-9						
Nitropropane (60%) Nitroethane (40%) (mixture)	1046	0	1	1	NR	2	NI	1	0	2	0	1	C			FED	3
Nitropropane (60%)/Nitroethane (40%) mixture	504		RTECS No						CAS No								
o-Nitrotoluene	1049	2	2	2	NR	2	(1)	1	0	(2)	0	1	CMR			S	3
o-Nitrotoluene	2745		RTECS No		XT3150000				CAS No		88-72-2						
p-Nitrotoluene	1051	2	1	1	NR	3	0	1	0	(2)	0	1	R			S	3
p-Nitrotoluene	2746		RTECS No		XT3325000				CAS No		99-99-0						
o- or p-Nitrotoluenes	2241	2	2	2	NR	3	(1)	1	0	(2)	0	1	CMR			S	3
o- or p-Nitrotoluenes	532		RTECS No						CAS No								
Nonane	1054	4	NI	4	R	4	NI	0	0	1	1	1	A			FE	2
Nonane (all isomers)	506		RTECS No		RA6115000				CAS No		111-84-2						
Nonanoic acid	1055	3	NI	3	R	2	NI	0	0	(3)	2	3				F	3
Nonanoic acid (all isomers)	507		RTECS No		RA6650000				CAS No		112-05-0						
Nonene (all isomers)	2222	4	NI	4	NI	3	NI	0	0	0	1	1	A			FE	2
Nonene (all isomers)	508		RTECS No						CAS No								
1-Nonene	1060	4	NI	4	NI	3	NI	0	0	0	1	1	A			FE	2
1-Nonene	2680		RTECS No						CAS No		27215-95-8						
Nonyl acetate	1766	4	NI	4	NI	NI	NI	0	0	NI	NI	NI	NI	F		NI	
Nonyl acetate	509		RTECS No						CAS No		143-13-5						

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EHS Name TRN Name	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
Nonyl methacrylate monomer	1061	5	NI	5	R	3	NI	(0)	(1)	(1)	(1)	(1)			F	1
Nonyl methacrylate monomer	511		RTECS No					CAS No	2696-43-7							
Nonyl phenol	1062	5	4	4	NR	5	3	1	0	(3)	3	3			Fp	3
Nonylphenol	512		RTECS No	SM5600000				CAS No	25154-52-3							
Nonyl(C6-C12)phenol poly(4-12)ethoxylate	1063	4	NI	4	NR	3	1	0	0	(2)	2	1			D	2
Nonylphenol poly(4+)ethoxylate	513		RTECS No					CAS No								
Nonyl(C6-C12)phenol poly(4-12)ethoxylate	1063	4	NI	4	NR	3	1	0	0	(2)	2	1			D	2
Alkyl(C7-C11)phenol poly(4-12) ethoxylate	97		RTECS No					CAS No								
Octamethylcyclotetrasiloxane	2398	5	5	5	NR	0	3	0	0	0	0	0			F	1
Octamethylcyclotetrasiloxane	3633		RTECS No					CAS No								
Octane	1072	5	NI	5	(R)	4	NI	(0)	(0)	0	0	0	A		FE	2
Octane (all isomers)	538		RTECS No	RG8400000				CAS No	111-65-9							
Octanoic acid (Caprylic acid)	1074	3	NI	3	R	1	NI	0	0	(3)	3	3			F	3
Octanoic acid (all isomers)	539		RTECS No	RH0175000				CAS No	134-07-2							
1-Octanol	1075	3	NI	3	R	2	0	1	0	(2)	2	2			Fp	2
1-Octanol	2676		RTECS No	RH6550000				CAS No	111-87-5							
1-Octanol	1075	3	NI	3	R	2	0	1	0	(2)	2	2			Fp	2
Octanol (all isomers)	540		RTECS No	RH6550000				CAS No	111-87-5							
Octene (all isomers)	1079	4	NI	4	NR	3	NI	0	0	0	2	1	A		FE	2
Octene (all isomers)	541		RTECS No					CAS No								
Octyl acetate	1080	3	NI	3	R	2	NI	0	0	(1)	1	NI			FD	1
n-Octyl acetate	483		RTECS No	AJ1400000				CAS No	112-14-1							
Octyl decyl adipate	1082	0	NI	0	(R)	(0)	(0)	(0)	(0)	(1)	(1)	(1)			Fp	2
Octyl decyl adipate	543		RTECS No					CAS No	110-29-2							
n-Octyl mercaptan	2461	4	3	3	NR	5	NI	1	0	(1)	1	0	S		F	3
n-Octyl Mercaptan	3742		RTECS No					CAS No								
Olefin/Alkyl ester copolymer (molecular weight 2000+) (LOA)	1965	NI	NI	0	NR	0	NI	0	0	(0)	0	0			Fp	2
Olefin-Alkyl ester copolymer (molecular weight 2000+)	546		RTECS No					CAS No								
Olefin mixture (C7-C9)	2385	5	4	4	NR	4	NI	(0)	0	0	2	1	A		E	2
Olefin Mixture (C7-C9) C8 rich, stabilised	3548		RTECS No					CAS No	97593-00-5							

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Olefin mixtures (C5-C7)	2243	3	NI	3	R	3	NI	(0)	(0)	(1)	(2)	(1)				E	2
Olefin mixtures (C5-C7)	545		RTECS No						CAS No								
Olefin mixtures (C5-C15)	2321	(5)	NI	(5)	NR	(4)	NI	(0)	(0)	(2)	(2)	(1)	A		FE		2
Olefin mixtures (C5-C15)	544		RTECS No						CAS No								
Olefins C13 and above, all isomers	2028	5	NI	5	NR	0	NI	0	0	(0)	0	0			Fp		2
Olefins (C13+, all isomers)	547		RTECS No						CAS No								
alpha-Olefins (C6-C18),mixture	2030	(5)	NI	(5)	NR	(4)	NI	(0)	(0)	(2)	(2)	(1)	A		FE		2
alpha-Olefins (C6-C18) mixtures	108		RTECS No						CAS No								
Oleic acid	1089	0	NI	0	R	0	NI	0	1	(2)	1	1			Fp		2
Oleic acid	548		RTECS No		RG2275000				CAS No		112-80-1						
Oleylamine	1862	0	NI	0	NR	4	NI	1	(1)	(3)	3B	3			Fp		3
Oleylamine	550		RTECS No						CAS No								
Olive oil	1090	0	NI	0	R	(2)	NI	(0)	(0)	(1)	1	1			Fp		2
Olive oil	2771		RTECS No		RK4300000				CAS No		8001-25-0						
Orange juice	2375	0	0	0	R	0	0	0	0	(0)	0	0			D		0
Orange juice	3151		RTECS No						CAS No								
Orange juice (not concentrated)	2382	0	0	0	R	0	0	0	0	(0)	0	0			D		0
Orange juice (not concentrated)	3425		RTECS No						CAS No								
Oxatetra-azahydroxyalkanoic acid, substituted with acetic acid / acetoxylethanolamine	2413	1	NI	1	R	1	NI	0	0	0	0	0			D		0
Oxatetra-azahydroxyalkanoic acid, substituted with acetic acid / acetoxylethanolamine	3689		RTECS No						CAS No								
Oxygenated aliphatic hydrocarbon mixture	2266	5	2	(2)	NR	1	NI	0	0	(1)	1	1			FE		2
Oxygenated aliphatic hydrocarbon mixture	2825		RTECS No						CAS No								
Palm acid oil	2307	(0)	NI	(0)	(R)	(0)	NI	0	(0)	(1)	0	1			Fp		2
Palm acid oil	3037		RTECS No						CAS No								
Palm fatty acid distillate	2310	NI	NI	(0)	(R)	(0)	NI	0	(0)	(1)	0	1			Fp		2
Palm fatty acid distillate	3040		RTECS No						CAS No								
Palm kernel fatty acid distillate	2335	(0)	0	0	R	(3)	NI	0	(0)	(2)	1	2			Fp		2
Palm kernel fatty acid distillate	3111		RTECS No						CAS No								
Palm kernel olein (containing less than 5 % free fatty acids)	2308	(0)	NI	(0)	(R)	1	NI	(0)	(0)	(0)	(0)	(0)			Fp		2
Palm kernel olein	3038		RTECS No						CAS No								

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Palm kernel stearin (containing less than 5% free fatty acids)	2309	0	(0)	(0)	(R)	0	NI	(0)	(0)	(0)	(0)	(0)		Fp	2	
Palm kernel stearin	3039															
Palm Mid Fraction	2363	(0)	NI	(0)	(R)	(0)	NI	0	0	(0)	(0)	(0)		Fp	2	
Palm mid-fraction	3126															
Palm nut oil	1094	0	NI	0	R	1	NI	(0)	(1)	(0)	(1)			Fp	2	
Palm kernel oil	2766															
Palm nut oil fatty acid	1095	0	NI	0	R	(3)	NI	0	0	(2)	1	2		Fp	2	
Palm kernel acid oil	553															
Palm oil (containing less than 15% free fatty acids)	2249	0	NI	0	R	0	NI	0	(0)	(0)	0	0		Fp	2	
Palm oil	2764															
Palm oil (containing more than 15% and less than 30% free fatty acids)	2364	0	NI	0	R	0	NI	0	0	(2)	(2)	(2)		Fp	2	
Non-edible industrial grade palm oil	3127															
Palm oil fatty acid methyl ester	1097	0	NI	0	R	0	NI	0	0	0	0	1		Fp	2	
Palm oil fatty acid methyl ester	554															
Palm olein	2250	0	NI	0	R	0	NI	0	(0)	(0)	0	0		Fp	2	
Palm olein	2765															
Palm stearin	2251	0	NI	0	R	0	NI	0	(0)	(0)	0	0		Fp	2	
Palm stearin	555															
Paraffin wax	1086	0	NI	0	R	0	NI	(0)	(1)	1	1			Fp	2	
Paraffin wax	556															
Paraldehyde	1098	0	0	0	NR	0	NI	1	0	0	1	3		D	3	
Paraldehyde	557															
Pentachloroethane	1099	3	2	2	NI	3	1	1	(1)	1	(1)	CT		S	3	
Pentachloroethane	558															
1,3-Pentadiene	1102	2	NI	2	NR	2	NI	0	0	0	1	(2)		E	2	
1,3-Pentadiene	14															
1,3-Pentadiene (greater than 50%), cyclopentene and isomers, mixtures.	2390	NI	NI	(3)	(NR)	(3)	NI	(2)	(1)	(3)	(2)	(2)	CMR	E	3	
1,3-Pentadiene (greater than 50%), cyclopentene and isomers, mixtures	3560															
Pentaethylene hexamine	1103	0	NI	0	NI	4	NI	1	(2)	(3)	3	(3)	S	D	3	
Pentaethylenhexamine	560															

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Pentane	1105	3	NI	3	R	3	NI	0	0	0	1	1				E 2
Pentane (all isomers)	561	RTECS No	RZ9450000	CAS No	109-66-0											
1,5-Pentanedial solution, (5-50%)	1107	0	NI	0	R	3	0	1	0	4	3	3	S			D 3
Glutaraldehyde solutions (50% or less)	362	RTECS No	MA2450000	CAS No	111-30-8											
Pentanoic acid	1109	1	NI	1	NI	2	NI	1	2	(3)	3	3				FD 3
Pentanoic acid	562	RTECS No	YV6100000	CAS No	109-52-4											
Pentanoic acid (64%)/2-methyl butyric acid (36%) mixture	2144	(1)	NI	(1)	NI	(2)	NI	(1)	(2)	(3)	3	(3)				FD 3
n-Pentanoic acid (64%)/2-Methyl butyric acid (36%) mixture	2211	RTECS No		CAS No												
1-Pentanol	1110	1	1	1	(R)	1	0	1	0	(3)	2	3				FED 3
n-Amyl alcohol	473	RTECS No	SB9600000	CAS No	71-41-0											
2-Pentanol	1111	1	1	1	R	1	0	0	(0)	(2)	2	2				D 2
sec-Amyl alcohol	637	RTECS No	SA4900000	CAS No	6032-29-7											
Pentasodium triphosphate (*)	2418	Inorg	0	0	Inorg	1	NI	NI	NI	NI	NI	NI				NI NI
	3694	RTECS No		CAS No												
Pentene (all isomers)	1992	2	NI	2	NI	(2)	NI	(0)	(0)	(0)	(0)	(1)				E 2
Pentene (all isomers)	563	RTECS No		CAS No												
1-Pentene	1114	2	NI	2	NI	(2)	NI	(0)	(0)	0	(0)	(1)				E 2
1-Pentene	2679	RTECS No		CAS No	109-67-1											
2-Pentene	1115	2	NI	2	NI	2	NI	(0)	(0)	(0)	(0)	(1)				E 2
2-Pentene	2678	RTECS No		CAS No	109-68-2											
Petrolatum	2244	0	NI	0	NR	0	NI	0	0	2	1	1				Fp 2
Petrolatum	565	RTECS No		CAS No												
Petroleum wax	1122	0	NI	0	NR	0	NI	0	0	(0)	0	0				Fp 2
Waxes	741	RTECS No	RV0350000	CAS No	8002-74-2											
Phenol	1124	1	2	2	R	3	0	2	2	(3)	3	3		NT		S 3
Phenol	566	RTECS No	SJ3325000	CAS No	108-95-2											
Phenylxylethane	1135	5	4	4	NR	(2)	NI	1	0	(1)	(0)	0				F 1
1-Phenyl-1-xylyl ethane	23	RTECS No	CZ7300000	CAS No	40766-31-2											
Phosphate esters, alkyl(C12-C14)amine (LOA)	1854	2	NI	2	NR	3	NI	0	(0)	(2)	1	2				FD 2
Phosphate esters, alkyl (C12-C14) amine	1345	RTECS No		CAS No												

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Phosphoric acid	1138	0	NI	0	Inorg	1	NI	(3)	(3)	3	3	3		D	3
Phosphoric acid	567		RTECS No		TB6300000			CAS No		7664-38-2					
Phosphorus (elemental yellow)	1139	Inorg	(3)	(3)	Inorg	6	4	0	0	0	2	1		S	2
Phosphorus, yellow or white	568		RTECS No		TH3500000			CAS No		7732-14-0					
Phthalic anhydride (molten)	1146	1	NI	1	R	2	0	1	0	(3)	1	3	S	S	3
Phthalic anhydride (molten)	569		RTECS No		TI3150000			CAS No		85-44-9					
alpha-Pinene	40	4	NI	4	R	4	NI	0	0	0	1	(1)	T	F	3
alpha-Pinene	109		RTECS No		DT7000000			CAS No		80-56-8					
beta-Pinene	41	4	NI	4	(R)	4	NI	0	0	0	1	(1)	S	NT	F
beta-Pinene	141		RTECS No		DT5078500			CAS No		1330-16-1					
Pine oil	1148	4	NI	4	NR	4	NI	0	0	(1)	(1)	(1)	S	(T)	Fp
Pine oil	570		RTECS No		TK5100000			CAS No		8002-09-3					
Piperazine, 68% Aqueous	2433	0	NI	0	NR	2	NI	0	0	2	3A	3	SN	SD	3
Piperazine, 68% solution	3748		RTECS No					CAS No		110-85-0					
Pol (2-8) alkylene (C2-C3) glycols/ Polyalkylene (C2-C10) glycols monoalkyl ethers and their borate esters	2358	(1)	NI	(1)	(R)	(1)	(0)	0	0	0	2	2		D	2
Brake fluid base mix: Poly(2-8)alkylene (C2-C3) glycols/Polyalkylene (C2-C10) glycols monoalkyl (C1-C4) ethers and their borate esters	144		RTECS No					CAS No							
Polyacrylic acid (40% solution)	2302	(2)	NI	(2)	NR	1	NI	0	0	(1)	1	1		D	1
Polyacrylic acid solution (40% or less)	2709		RTECS No					CAS No							
Poly(C18-C22)alkyl acrylate in xylene	1151	(3)	NI	(3)	NR	2	NI	0	0	(2)	2	1		Fp	2
Polyalkyl (C18-C22) acrylate in xylene	580		RTECS No					CAS No							
Polyalkylalkenaminesuccinimide, molybdenum oxysulphide	2379	NI	0	0	NR	0	NI	0	0	(0)	0	0		Fp	2
Polyalkylalkenaminesuccinimide, molybdenum oxysulphide	3422		RTECS No					CAS No							
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	1152	1	NI	1	R	1	0	0	0	0	2	2		D	2
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	576		RTECS No					CAS No							
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	2254	1	NI	1	NR	2	1	0	0	0	2	2		D	2
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	575		RTECS No					CAS No							
Poly N-alkylmethacrylamide ammonium acrylate copolymer (20 % in DEGME) (**)	2468	0	NI	0	NR	2	NI	NI	NI	NI	NI	NI	D	NI	
	3931		RTECS No					CAS No							
Poly alkyl methacrylate (C1-C20) (LOA)	1984	(5)	NI	(5)	NR	0	NI	0	0	0	0	0		Fp	2

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																	RTECS No	CAS No	RTECS No	CAS No		
Polyalkyl (C10-C20) methacrylate	2189																					
Poly alkyl(C10-C18) methacrylate/ethylene-propylene copolymer mixture	2201	0	0	0	NR	0	0	0	0	(1)	1	1	A							Fp	3	
Polyalkyl (C10-C18) methacrylate/ethylene-propylene copolymer mixture	2188																					
Polyaluminium chloride (sol.)	1136	Inorg	0	0	Inorg	0	NI	(0)	(0)	(1)	(0)	(1)									D	1
Polyaluminium chloride solution	584																					
Polybutene	1154	0	NI	0	(NR)	(0)	(0)	(0)	(0)	(0)	(0)	(0)									Fp	2
Polybutene	585																					
Polybutenylsuccinimide in oil	2055	5	NI	5	NR	0	NI	(0)	(0)	(0)	0	0	(0)								Fp	2
Polybutenyl succinimide	586																					
Poly(2+)cyclic aromatics	2246	4	4	4	NR	(4)	NI	(1)	(1)	(2)	(1)	(1)	CM								S	3
Poly(2+)cyclic aromatics	574																					
Polyether, borated	1863	0	NI	0	NR	3	1	0	(0)	(1)	1	0									D	1
Polyether, borated	572																					
Polyether (molecular weight 2000+) (LOA)	1975	0	NI	0	NR	1	NI	0	(0)	(0)	0	0									Fp	2
Polyether (molecular weight 1350+)	587																					
Polyethylene amines / paraffin mixtures	1991	(5)	NI	(5)	NR	3	0	0	(1)	(3)	(2)	(3)	S								Fp	3
Polyethylene polyamines (more than 50% C5 -C20 paraffin oil)	591																					
Polyethylene glycol	1157	0	NI	0	NR	0	NI	0	0	0	1	1									D	1
Polyethylene glycol	589																					
Polyethylene glycol dimethyl ether	1158	0	NI	0	NR	0	NI	0	0	(1)	1	(1)									D	1
Polyethylene glycol dimethyl ether	590																					
Poly(ethylene glycol) methylbutenyl ether (MW >1000)	2395	NI	0	0	R	1	NI	0	0	(0)	0	0									D	0
Poly(ethylene glycol) methylbutenyl ether (MW>1000)	3501																					
Polyethylene polyamines	2367	0	NI	0	NR	3	0	1	0	(3)	2	(3)	S								D	0
Polyethylene polyamines	3131																					
Polyferric sulphate solution	338	Inorg	0	0	Inorg	(2)	NI	1	(1)	(3)	3	(3)									D	3
Polyferric sulphate solution	592																					
Polyglycerine, sodium salt, solution	1874	0	NI	0	R	0	NI	0	0	(3)	(2)	3									D	3
Polyglycerin, sodium salt solution (containing less than 3% sodium hydroxide)	593																					
Polyglycerol	1511	NI	NI	NI	NI	NI	NI	NI	0	(0)	(0)	(0)									D	0

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		RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
		CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No
Polyglycerol	594															
Poly (iminoethylene)-graft-N-poly (ethyleneoxy) solution (90% or less)	2287	0	0	0	NR	0	NI	0	0	(1)	0	1			D	1
Poly (iminoethylene)-graft-N-poly(ethyleneoxy) solution (90% or less)	2537															
Polyisobutenamine in aliphatic (C10-C14) solvent	2192	0	0	0	NR	2	NI	0	(0)	(2)	2	1			FED	2
Polyisobutenamine in aliphatic (C10-C14) solvent	2374															
(Polyisobutene)amino products in aliphatic hydrocarbons	2455	0	NI	(5)	NR	2	NI	0	0	(1)	1	0	A		Fp	3
(Polyisobutene) amino products in aliphatic hydrocarbons	3811															
Polyisobutenyl anhydride adduct	2127	0	NI	0	NR	0	NI	0	0	(1)	0	1			FD	1
Polyisobutenyl anhydride adduct	2256															
Poly(4+)isobutylene	2264	0	NI	0	NR	0	NI	(0)	(0)	(0)	(0)	(0)			Fp	2
Polyisobutylene (MW≤224)	578															
Polymethylene polyphenyl isocyanate	1153	NI	(2)	(2)	NR	0	0	0	0	(2)	2	2	S		S	2
Polymethylene polyphenyl isocyanate	595															
Polyolefin acid, potassium salt	1895	NI	NI	NI	NR	0	NI	0	0	(0)	0	0			NI	0
Potassium salt of polyolefin acid	2199															
Polyolefinamide alkene(C16+)amine (LOA)	2104	5	NI	5	NR	0	NI	0	0	(1)	1	(1)			Fp	2
Polyolefin amide alkeneamine (C17+)	597															
Polyolefin amide alkeneamine (C28+) (LOA)	1971	0	NI	0	NR	0	NI	0	0	(0)	1	(1)			NI	1
Polyolefin amide alkeneamine (C28+)	598															
Polyolefin amide alkeneamine borate (C28-C250) (LOA)	1970	0	NI	0	NR	0	NI	0	0	(0)	0	(0)			Fp	2
Polyolefin amide alkeneamine borate (C28-C250)	600															
Polyolefin amide alkeneamine/molybden oxysulphide mi	2256	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI			NI	NI
Polyolefin amide alkeneamine/molybdenum oxysulphide mixture	603															
Polyolefin amide alkylene amine polyol	1989	0	2	2	NR	0	NI	0	0	(0)	0	0			Fp	3
Polyolefin amide alkeneamine polyol	602															
Poly (17+) olefin amine	2049	0	NI	0	NR	2	NI	0	(0)	(1)	(1)	(1)			Fp	2
Poly (17+) olefin amine	571															
Polyolefinamine (C28-C250) (LOA)	2107	0	NI	0	NR	2	NI	0	(0)	(2)	2	(1)			Fp	2
Polyolefinamine (C28-C250)	609															
Polyolefinamine (C28-C250) (LOA)	2107	0	NI	0	NR	2	NI	0	(0)	(2)	2	(1)			Fp	2

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		RTECS No											CAS No				
Polyolefinamine in aromatic solvent	611																
Polyolefinamine (C28-C250) (LOA)	2107	0	NI	0	NR	2	NI	0	(0)	(2)	2	(1)					Fp 2
Polyolefinamine in alkyl (C2-C4) benzenes	610																
	610																
Polyolefin aminoester salt	2095	0	NI	0	NR	1	NI	0	0	(1)	1	(1)					Fp 2
Polyolefin aminoester salts (molecular weight 2000+)	604																
	604																
Polyolefin ester (C28-C250) (LOA)	1969	0	NI	0	NR	0	NI	0	0	(0)	0	0					Fp 2
Polyolefin ester (C28-C250)	606																
	606																
Polyolefin (molecular weight 300+) (LOA)	1968	0	NI	0	NR	0	NI	0	0	0	0	0					Fp 2
Polyolefin (molecular weight 300+)	596																
	596																
Polyolefin phenolic amine (C28-C250) (LOA)	1980	0	NI	0	NI	0	NI	0	0	(1)	(1)	(1)					Fp 2
Polyolefin phenolic amine (C28-C250)	607																
	607																
Polyolefin phosphoro sulphide - barium derivative (C28-C250) (LOA)	1976	0	NI	0	NI	2	NI	0	(0)	(0)	(0)	(0)					S 0
Polyolefin phosphoro sulphide - barium derivative (C28-C250)	608																
	608																
Polyolefin phosphorosulphide, barium derivative (C28-C250)	1442	3	NI	3	NI	(3)	NI	0	(0)	(1)	0	1					D 1
Polyoxyethylene sorbitan monooleate	577																
	577																
Poly(20)oxyethylene sorbitan monooleate	2352	1	NI	1	NR	1	NI	0	0	(3)	3	3					D 3
Polyoxypropylene diamine	3112																
	3112																
Polypropylene	1512	0	NI	0	NR	(0)	NI	(0)	(0)	(0)	(0)	(0)					F 1
Poly(5+)propylene	579																
	579																
Polypropylene glycol	1159	0	NI	0	(NR)	1	NI	1	0	(1)	1	1					D 1
Polypropylene glycol	612																
	612																
Polysiloxane	1161	NI	4	4	NI	2	NI	0	(0)	(0)	0	0					F 1
Dimethylpolysiloxane	275																
	275																
Polysiloxane	1161	NI	4	4	NI	2	NI	0	(0)	(0)	0	0					F 1
Polysiloxane	613																
	613																
Poly (tetramethylene) ether glycol (mw 600-3000)	2147	2	NI	2	NR	3	NI	0	0	(0)	0	(0)					FD 0
Poly(tetramethylene ether) glycol (mw 600-3000)	2540																
	2540																
Potassium carbonate solution	2465	Inorg	0	0	Inorg	2	NI	0	0	(0)	2	2					D 2
	3928																
	3928																
Potassium chloride brine (less than 26%)	2345	0	0	0	Inorg	0	0	0	(0)	(0)	0	0					D 0

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																	RTECS No	CAS No	RTECS No	CAS No	
Potassium chloride solution (less than 26%)	3109																				
Potassium chloride solution	1513	0	0	0	Inorg	1	0	0	(0)	(0)	0	0	0								D 0
Potassium chloride solution	614																				
Potassium formate solution (75% or more)	2121	0	NI	0	R	0	NI	(0)	(0)	(2)	2	2									D 2
Potassium formate solutions	615																				
Potassium hydroxide (sol.)	1171	Inorg	0	0	Inorg	2	NI	2	(2)	(3)	3C	3									D 3
Potassium hydroxide solution	616																				
Potassium oleate	1497	3	NI	3	R	4	NI	(0)	(0)	(1)	1	1									FD 1
Potassium oleate	617																				
Potassium thiosulphate solution (50% or less)	2152	Inorg	0	0	Inorg	2	NI	0	0	(2)	2	(2)									D 2
Potassium thiosulphate (50% or less)	2335																				
Propanol	1180	0	NI	0	R	0	NI	1	0	0	1	2	R								D 3
n-Propyl alcohol	488																				
Propanolamine	1183	0	NI	0	R	2	NI	0	1	(3)	3	3									D 3
n-Propanolamine	485																				
2-Propene-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer (aqueous solution)	2420	0	NI	0	R	2	0	0	(0)	(0)	0	(0)									D 0
2-Propene-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer	3696																				
2-Propenoic acid polymer with furandione (65% in 2-butoxyethanol)	2435	0	NI	0	NR	2	0	1	0	0	2	2									Fp 2
2-Propenoic acid polymer with furandione (65% in 2-butoxyethanol)	3750																				
beta-Propiolactone	1184	0	NI	0	R	(2)	NI	2	(2)	4	3B	3	CM								D 3
beta-Propiolactone	142																				
Propionaldehyde	1185	0	NI	0	R	2	NI	1	0	1	2	2									DE 2
Propionaldehyde	619																				
Propionic acid	1186	0	NI	0	R	2	NI	0	0	(3)	3B	3									D 3
Propionic acid	620																				
Propionic anhydride	1187	0	NI	0	R	2	NI	0	0	(3)	2	3									FD 3
Propionic anhydride	621																				
Propionitrile	1188	0	NI	0	NI	0	NI	3	3	4	1	2	R								D 3
Propionitrile	622																				
Propyl acetate	1191	1	NI	1	R	2	NI	0	0	0	1	1									ED 1

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		RTECS No	RTECS No	AJ3675000	CAS No	109-60-4										
n-Propyl acetate	487															
Propylamine	1194	0	NI	0	NI	1	NI	2	2	3	3	3				DE 3
n-Propylamine	490		RTECS No	UH9100000	CAS No						107-10-8					
Propyl benzene	1196	NI	NI	NI	3	NI	NI	NI	NI	NI	NI	NI			(T)	FE NI
Propylbenzene	2686		RTECS No	DA8750000	CAS No						103-65-1					
Propyl chloride	1198	2	NI	2	NI	1	NI	0	NI	NI	NI	NI				FED 2
n-Propyl chloride	489		RTECS No	TX4400000	CAS No						540-54-5					
Propylene carbonate	2056	0	NI	0	R	0	NI	0	0	(3)	2	3				D 3
Propylene carbonate	624		RTECS No	FF9650000	CAS No						108-32-7					
Propylene dimer	1201	3	NI	3	R	3	NI	NI	NI	NI	NI	NI				E 2
Propylene dimer	625		RTECS No		CAS No											
1,2-Propylene glycol	1202	0	NI	0	R	0	0	0	0	(1)	0	1				D 1
Propylene glycol	626		RTECS No	TY2000000	CAS No						57-55-6					
Propylene glycol methyl ether acetate	1759	0	NI	0	NR	1	NI	0	0	0	0	1				D 1
Propylene glycol methyl ether acetate	627		RTECS No	A18925000	CAS No						108-65-6					
Propylene glycol monoalkyl ether	1958	0	NI	0	NR	0	NI	0	1	0	2	3				D 3
Propylene glycol monoalkyl ether	628		RTECS No		CAS No											
Propylene glycol phenyl ether	2057	1	NI	1	NI	1	NI	0	0	(1)	(1)	(1)				SD 1
Propylene glycol phenyl ether	629		RTECS No	UB8886000	CAS No						4169-04-4					
Propylene oxide	76	0	NI	0	R	2	NI	1	1	2	2	3				CMR DE 3
Propylene oxide	630		RTECS No	TZ2975000	CAS No						75-56-9					
Propylene oxide/Ethylene oxide mixture	78	0	NI	0	R	1	NI	1	1	3	3	3				CMR DE 3
Ethylene oxide/Propylene oxide mixture with an ethylene oxide content of not more than 30% by mass	341		RTECS No		CAS No											
Propylene tetramer	2255	NI	4	4	NR	(4)	NI	(0)	(0)	(1)	(1)	(1)				F 1
Propylene tetramer	631		RTECS No		CAS No											
Propylene trimer	1207	5	4	4	NR	3	2	(0)	(0)	(1)	(1)	(1)				FE 2
Propylene trimer	632		RTECS No	UD2794000	CAS No						13987-01-4					
Pyridine	1213	0	NI	0	R	3	0	1	1	2	1	3				NT D 3
Pyridine	634		RTECS No	UR8400000	CAS No						110-86-1					
Pyridine bases	2131	1	NI	1	R	2	NI	2	1	(3)	3B	3				FED 3

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		RTECS No	RTECS No	(3)	(R)	(3)	(1)	1	0	(2)	2	2	TCM			
		RTECS No	RTECS No						CAS No							
Paraldehyde-ammonia reaction product	1989															
Pyrolysis gasoline	2271	(4)	(3)	(3)	(R)	(3)	(1)	1	0	(2)	2	2				FE 3
Pyrolysis gasoline (containing benzene)	1990															
Rapeseed oil (high erucic acid; containing less than 4% free fatty acids)	2315	0	NI	0	R	(2)	NI	(0)	(0)	(0)	(1)	(1)				Fp 2
Rapeseed oil	3045															
Rapeseed oil (Low erucic acid containing less than 4% free fatty acids)	2296	0	NI	0	R	(2)	NI	0	0	0	(1)	(1)				Fp 2
Rapeseed oil (low erucic acid containing less than 4% free fatty acids)	2956															
Rape seed oil fatty acid, methyl ester	2209	0	0	0	R	0	NI	0	(0)	(1)	1	1				Fp 2
Rape seed oil fatty acid methyl esters	2576															
Rice bran oil (containing less than 15% of free fatty acids)	2312	(0)	NI	(0)	(R)	(0)	NI	0	(0)	(1)	0	1				Fp 2
Rice bran oil	3043															
Rosin	1219	3	NI	3	NR	3	NI	0	0	2	(1)	1	S			S 2
Rosin	635															
Rosin soap (disproportionated solution)	1220	3	NI	3	NR	3	NI	0	NI	NI	NI	NI				S NI
Rosin soap (disproportionated) solution	636															
Safflower oil (containing less than 5% free fatty acids)	1222	(0)	NI	(0)	(R)	(0)	NI	(0)	(0)	(1)	1	1				Fp 2
Safflower oil	3041															
Saturated and unsaturated alkyl (C10-C20) phosphite (LOA)	2108	0	NI	0	R	1	NI	0	0	(0)	0	0				Fp 2
Alkyl(C10-C20, saturated and unsaturated) phosphite	96															
Shea butter (containing less than 15% free fatty acids)	2311	(0)	NI	(0)	NR	(0)	NI	(0)	(0)	(1)	(0)	(1)				Fp 2
Shea butter	3042															
Silica slurry	1514	Inorg	0	0	Inorg	0	0	(0)	(0)	0	(0)	(0)				S 0
Microsilica slurry	2507															
Sodium acetate	1498	0	NI	0	R	0	NI	0	0	0	1	1				D 1
Sodium acetate solutions	639															
Sodium aluminate (solution)	1234	Inorg	0	0	Inorg	NI	NI	(0)	(0)	(3)	(3)	(3)				D 3
Sodium aluminate solution	641															
Sodium aluminosilicate slurry	1235	Inorg	0	0	Inorg	1	0	0	0	0	1	1				S 1
Sodium aluminosilicate slurry	643															
Sodium benzoate	1475	0	NI	0	R	1	NI	0	(0)	(1)	0	1				D 1

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TRN	RTECS No	RTECS No	RTECS No	RTECS No	DH6650000	CAS No	532-32-1								
Sodium benzoate	644														
Sodium bicarbonate solution (less than 10%)	2386	0	NI	0	Inorg	0	0	0	(0)	0	0			D	0
Sodium bicarbonate solution (less than 10%)	3558														
Sodium borohydride/sodium hydroxide mixture (soln.)	1239	Inorg	0	0	Inorg	2	NI	(2)	(1)	(3)	(3)			D	3
Sodium borohydride (15% or less)/Sodium hydroxide solution	645														
Sodium bromide solution (less than 50%)	2387	0	NI	0	Inorg	0	0	0	(1)	0	1	R		D	3
Sodium bromide solution (less than 50%) (*)	3410														
Sodium carbonate	1243	Inorg	0	0	Inorg	1	NI	0	0	2	1	2		SD	2
Sodium carbonate solution	646														
Sodium chlorate solid and solutions (50% or less)	1244	Inorg	0	0	Inorg	1	NI	1	0	(2)	1	1	S	D	2
Sodium chlorate solution (50% or less)	647														
Sodium dichromate solution	487	Inorg	0	0	Inorg	4	1	2	2	4	2	3	CMS	D	3
Sodium dichromate solution (70% or less)	649														
Sodium dodecyl sulphate (*)	2451	0	NI	0	R	3	1	NI	NI	NI	NI	NI	NI	NI	NI
Sodium hydrogen sulphide/Ammonium sulphide(mixture)	3869														
Sodium hydrosulphide/Ammonium sulphide solution	1253	Inorg	0	0	Inorg	3	NI	1	1	0	2	2		D	2
Sodium hydrogen sulphide (6% or less)/sodium carbonate (3% or less)	653														
Sodium hydrogen sulphide (6% or less)/Sodium carbonate (3% or less) solution	2262	0	NI	0	Inorg	1	NI	(0)	(0)	(1)	(1)	(1)		D	1
Sodium hydrogen sulphide,solutions	650														
Sodium hydrosulphide solution (45% or less)	1252	Inorg	0	0	Inorg	1	NI	1	1	1	2	2		D	2
Sodium hydrogen sulphite,solutions	652														
Sodium hydroxide solution (#)	1251	Inorg	0	0	Inorg	1	NI	0	(0)	(0)	0	0		D	0
Sodium hypochlorite solutions containing 20% and less but more than 2% NaOCl	651														
Sodium hypochlorite solution (15% or less)	1254	Inorg	0	0	Inorg	2	NI	1	1	3	3C	3		D	3
Sodium hypochlorite solution (Full strength solution)	654														
Sodium hypochlorite solutions containing more than 20% NaOCl	1256	Inorg	0	0	Inorg	(4)	(1)	0	0	1	3	3	S	D	3
Sodium methylete (**)	2443	NI	(0)	(R)	(2)	NI	NI	NI	NI	NI	NI	NI	T	DE	NI

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		RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
		CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No	CAS No
Sodium methylate	3822															
Sodium Methylate (21-30% in Methanol)	2427	0	NI	0	R	1	NI	2	(2)	(3)	3	3	T	D	D	3
Sodium methylate 21-30% in methanol	3608															
Sodium nitrate	1259	Inorg	0	0	Inorg	0	NI	(0)	(0)	(0)	(1)	(1)		SD		1
Sodium nitrate	656															
Sodium nitrate	340	Inorg	0	0	Inorg	3	0	2	(2)	2	0	1		SD		2
Sodium nitrite solution	658															
Sodium perborate monohydrate	2284	Inorg	NI	NI	Inorg	3	NI	1	0	(3)	2	3		NI		3
Sodium perborate monohydrate	2948															
Sodium petroleum sulphonate	1860	0	NI	0	(NR)	2	NI	0	(0)	(2)	1	2	S	S		2
Sodium petroleum sulphonate	660															
Sodium polyacrylate solution	1487	0	NI	0	NR	1	0	0	(0)	(1)	1	1		D		1
Sodium poly(4+acrylate solutions	826															
Sodium silicate (solution)	1262	Inorg	0	0	Inorg	2	NI	1	0	(3)	3	3		D		3
Sodium silicate solution	661															
Sodium sulphate (solution)	1499	Inorg	0	0	Inorg	0	0	0	(0)	(1)	1	1		SD		1
Sodium sulphate solutions	662															
Sodium sulphide (solution)	1263	Inorg	0	0	Inorg	3	NI	1	1	(3)	3A	3		D		3
Sodium sulphide solution (15% or less)	663															
Sodium sulphite (solution)	9	Inorg	0	0	Inorg	2	NI	0	(0)	(1)	0	1		D		1
Sodium sulphite solution (25% or less)	664															
Sodium tartrate succinate/Sodium tartrate disuccinate mixtures	1771	NI	1	1	NI	1	NI	0	NI	NI	NI	NI		D		NI
Sodium tartrates/Sodium succinates solution	665															
Sodium thiocyanate	1264	Inorg	0	0	Inorg	2	NI	1	(0)	(1)	0	0		D		1
Sodium thiocyanate solution (56% or less)	667															
Sorbitan monooleate	2215	(5)	NI	(5)	R	3	NI	0	NI	NI	0	0		Fp		2
Sorbitan monooleate	2408															
Sorbitol	1265	0	NI	0	R	0	NI	0	(0)	(0)	(0)	(0)		D		0
Sorbitol solution	668															
Soyabean oil (containing less than 4% free fatty acids)	2320	0	NI	0	R	0	NI	0	(0)	(1)	(0)	1		Fp		2

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	3050	RTECS No											CAS No				
Soyabean oil																	
Soybean oil fatty acids, methyl esters	2431	0	NI	0	R	2	NI	0	0	0	0	0	0				Fp 2
Soybean Oil Fatty Acid Methyl Ester	3737		RTECS No											CAS No			
Styrene (monomer)	1273	3	(2)	3	R	3	NI	1	0	2	2	2	2	CM			FE 3
Styrene monomer	669		RTECS No											CAS No			
Styrene butadiene rubber latex	1274	0	NI	0	NR	0	NI	0	0	(1)	0	1					D 1
Latex: Carboxylated styrene-Butadiene copolymer; Styrene-Butadiene rubber	414		RTECS No											CAS No			
Sulfurized fat(C14-C20) (LOA)	1853	0	NI	0	NR	1	NI	0	(0)	(1)	0	(1)					FD 1
Sulphurized fat (C14-C20)	2257		RTECS No											CAS No			
Sulfurized polyolefinamide alkene(C28-C250)amine (LOA)	1855	0	NI	0	NR	0	NI	0	0	(0)	0	0					FD 0
Sulphurized polyolefinamide alkene (C28-C250) amine	2258		RTECS No											CAS No			
Sulpho hydrocarbon (C3-C88) (LOA)	1972	4	NI	4	NR	2	NI	0	0	0	0	0					Fp 2
Sulphohydrocarbon (C3-C88)	672		RTECS No											CAS No			
Sulpholane	1277	0	1	1	NR	2	0	1	0	0	1	2					SD 2
Sulpholane	673		RTECS No											CAS No			
Sulphonated polyacrylate solution	1760	NI	0	0	NI	0	NI	(0)	(0)	(0)	(0)	(0)					D 0
Sulphonated polyacrylate solution	674		RTECS No											CAS No			
Sulphur	906	Inorg	0	0	Inorg	0	NI	0	0	(1)	1	1					S 1
Sulphur (molten)	675		RTECS No											CAS No			
Sulphuric acid	1280	0	NI	0	Inorg	2	NI	0	(0)	3	3C	3	C				D 3
Sulphuric acid, spent	677		RTECS No											CAS No			
Sulphuric acid	1280	0	NI	0	Inorg	2	NI	0	(0)	3	3C	3	C				D 3
Sulphuric acid	676		RTECS No											CAS No			
Sulphuric acid	1280	0	NI	0	Inorg	2	NI	0	(0)	3	3C	3	C				D 3
Oleum	549		RTECS No											CAS No			
Sunflower oil	1283	0	NI	0	R	0	NI	(0)	(0)	(1)	(0)	(1)					Fp 2
Sunflower seed oil	2782		RTECS No											CAS No			
sym-Dichlorodiethyl ether	588	1	1	1	NR	1	0	2	3	4	1	3					T SD 3
Dichloroethyl ether	233		RTECS No											CAS No			
Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecylbenzenesulphonic acid complexes in naphtha/isopropanol	2448	0	NI	0	NR	1	NI	0	0	(0)	0	0	CM				Fp 3

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		RTECS No															CAS No
Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecylbenzenesulphonic acid complexes in naphthalene/isopropanol	3866																
Tall oil, crude and distilled	1285	(4)	NI	(4)	(R)	(2)	NI	0	0	(0)	0	0	S				Fp 2
Tall oil (crude and distilled)	678		RTECS No						CAS No		68187-71-3						
Tall oil, distilled	2283	0	NI	0	R	0	NI	0	(0)	(0)	0	(0)					Fp 2
Tall oil, distilled	2890		RTECS No						CAS No								
Tall oil fatty acid (resin acids less than 2%)	1287	0	0	0	R	0	0	0	0	(1)	1	0					Fp 2
Tall oil fatty acid (resin acids less than 20%)	679		RTECS No						CAS No		61790-12-3						
Tall oil fatty acid, barium salt	1864	NI	NI	NI	NI	NI	NI	(1)	(0)	(2)	1	2					S 2
Tall oil fatty acid, barium salt	680		RTECS No						CAS No								
Tall oil pitch	2323	3	NI	3	NR	0	0	0	0	(0)	0	(0)					Fp 2
Tall oil pitch	3051		RTECS No						CAS No								
Tall oil soap (disproportionated solution)	1286	NI	NI	NI	NI	NI	NI	(1)	(0)	(2)	1	2					D 2
Tall oil soap (disproportionated) solution	681		RTECS No						CAS No								
Tall oil soap, crude	2432	0	NI	0	R	2	0	(0)	(0)	(3)	(3)	(3)	S				Fp 3
Tall oil soap, crude	3735		RTECS No						CAS No								
Tallow	1288	0	NI	0	R	0	NI	0	0	(0)	(0)	(0)					Fp 2
Tallow	682		RTECS No						CAS No		61789-21-6						
Tallow fatty acid	1289	0	NI	0	R	0	NI	0	(0)	(0)	(0)	(0)					Fp 2
Tallow fatty acid	684		RTECS No						CAS No								
1,1,2,2-Tetrachloroethane	53	2	2	2	NR	3	0	2	0	2	2	2					SD 2
Tetrachloroethane	687		RTECS No		K18575000				CAS No		79-34-5						
1,1,2,2-Tetrachloroethylene	1295	3	2	2	NR	(3)	2	0	0	0	2	1	C				S 3
Perchloroethylene	564		RTECS No		KX3850000				CAS No		127-18-4						
Tetrachloromethane	1296	2	2	2	NR	3	0	0	0	0	1	1	CT				S 3
Carbon tetrachloride	178		RTECS No		FG4900000				CAS No		56-23-5						
Tetradecanoic acid (Myristic acid)	1298	5	NI	0	R	0	NI	0	(0)	(1)	(1)	(1)					Fp 2
Fatty acid (saturated C13+)	347		RTECS No		QH4375000				CAS No		544-63-8						
Tetradecanoic acid (Myristic acid)	1298	5	NI	0	R	0	NI	0	(0)	(1)	(1)	(1)					Fp 2
n-Tetradecanoic acid	491		RTECS No		QH4375000				CAS No		544-63-8						
Tetraethylene glycol	1301	0	NI	0	NR	0	NI	0	0	0	1	1					D 1

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	RTECS No	RTECS No	RTECS No	XC2100000	CAS No	112-60-7									
Tetraethylene glycol	688														
Tetraethylene pentamine	1302	0	NI	0	NR	3	NI	0	2	(3)	3	3	S	D	3
Tetraethylene pentamine	689				RTECS No	KH8585000				CAS No	112-57-2				
Tetraethyl lead	1303	4	5	5	NR	5	NI	3	2	4	2	2	NR	S	3
Motor fuel anti-knock compound (containing lead alkyls)	464				RTECS No	TP4550000				CAS No	78-00-2				
Tetrahydrofuran	1304	0	NI	0	R	0	NI	0	(0)	0	1	2		DE	2
Tetrahydrofuran	690				RTECS No	LU5950000				CAS No	109-99-9				
Tetrahydronaphthalene	1305	3	3	3	NR	3	NI	0	0	(2)	2	0		F	2
Tetrahydronaphthalene	691				RTECS No	QK3850000				CAS No	119-64-2				
1,2,3,4-Tetramethylbenzene	1307	4	NI	4	NI	4	NI	0	(0)	(1)	1	(1)		F	1
Tetramethylbenzene (all isomers)	692				RTECS No	DC0465000				CAS No	488-23-3				
Tetrapotassium pyrophosphate	2400	Inorg	0	0	Inorg	1	NI	0	NI	NI	NI	NI		D	NI
Tetrapotassium pyrophosphate	3635				RTECS No					CAS No	7320-34-5				
Thixatrol plus	2210	5	NI	5	R	3	NI	0	0	0	1	1		S	1
Thixatrol Plus	2699				RTECS No					CAS No					
Titanium dioxide (64 - 77% solution in water)	2080	Inorg	1	1	Inorg	1	NI	0	0	0	1	1		NI	1
Titanium dioxide slurry	2259				RTECS No					CAS No	13463-67-7				
Toluene	330	2	2	2	R	3	0	0	0	0	2	2	ANR	NT	E
Toluene	693				RTECS No	XS5250000				CAS No	108-88-3				
Toluene diisocyanate	1315	(3)	1	1	NR	2	NI	0	(0)	4	3	3	SCL	S	3
Toluene diisocyanate	694				RTECS No	CZ6300000				CAS No	584-84-9				
Toluidines	1316	1	1	1	R	4	2	1	0	(2)	2	2	CM	FD	3
o-Toluidine	537				RTECS No					CAS No					
2,4-Tolylenediamine	1317	0	2	2	NR	3	0	2	2	4	2	3	CMS	Fp	3
Tolenediamine	695				RTECS No	XS9625000				CAS No	95-80-7				
Tolyl triazole	2292	1	NI	1	NR	2	0	1	0	(2)	(1)	2		S	2
Tolyl triazole	696				RTECS No					CAS No					
Tributyl phosphate	1319	4	2	2	R	3	0	1	0	2	2	2	S	F	3
Tributyl phosphate	697				RTECS No	TC7700000				CAS No	126-73-8				
1,2,3-Trichlorobenzene	2191	4	4	4	NR	4	2	1	0	(2)	2	2		S	2

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		RTECS No											CAS No				
1,2,3-Trichlorobenzene (molten)	2288																
1,2,4-Trichlorobenzene	1323	4	5	5	NR	4	1	1	0	(2)	2	2	M			S	3
1,2,4-Trichlorobenzene	7	RTECS No											CAS No				
					DC2100000						120-82-1						
1,1,1-Trichloroethane	1326	2	NI	2	NR	2	NI	0	0	0	2	2				SD	2
1,1,1-Trichloroethane	1	RTECS No											CAS No				
					KJ2975000						71-55-6						
1,1,2-Trichloroethane	1327	2	1	1	NR	2	0	1	0	1	2	1				SD	2
1,1,2-Trichloroethane	3	RTECS No											CAS No				
					KJ3150000						79-00-5						
1,1,2-Trichloro-ethylene	329	2	2	2	NR	3	NI	0	0	0	2	2	MC			SD	3
Trichloroethylene	698	RTECS No											CAS No				
					KX4550000						79-01-6						
Trichloromethane	1328	1	1	1	NR	2	0	2	0	2	1	1	CT			SD	3
Chloroform	186	RTECS No											CAS No				
					FS9100000						67-66-3						
1,2,3-Trichloropropane	1329	2	2	2	NR	2	0	2	2	2	2	2	C			SD	3
1,2,3-Trichloropropane	6	RTECS No											CAS No				
					TZ9275000						96-18-4						
1,1,2-Trichloro-1,2,2-trifluoroethane	1330	3	2	2	NR	3	0	0	0	0	1	1				S	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	2	RTECS No											CAS No				
					KJ4000000						76-13-1						
Tricresyl phosphate (less than 1% ortho-isomers)	1331	5	(3)	(3)	(R)	(4)	(4)	0	1	0	1	1	N			S	2
Tricresyl phosphate (containing less than 1% ortho-isomer)	700	RTECS No											CAS No				
					TD0175000						1330-78-5						
Tricresyl phosphate (more than 1% ortho-isomers)	1332	5	3	3	R	4	4	0	1	0	1	1	N			S	2
Tricresyl phosphate (containing 1% or more ortho-isomer)	699	RTECS No											CAS No				
					TD0175000						1330-78-5						
Tridecane	1333	0	NI	0	NI	0	NI	0	0	(1)	1	0				Fp	2
Tridecane	701	RTECS No											CAS No				
					YD3025000						629-50-5						
Tridecanoic acid	1334	5	NI	5	(R)	3	NI	(0)	(0)	(1)	(1)	(1)				Fp	2
Tridecanoic acid	702	RTECS No											CAS No				
					YD3850000						638-53-9						
Tridecyl acetate	1768	5	NI	5	NI	0	NI	0	(0)	(2)	2	2				F	2
Tridecyl acetate	703	RTECS No											CAS No				
					1072-33-9												
Triethanolamine	1338	0	0	0	R	1	NI	0	0	(2)	1	2				D	2
Triethanolamine	704	RTECS No											CAS No				
					KL9275000						102-71-6						
3-(Triethoxysilyl)propylamine	2445	1	1	1	R	1	NI	1	0	(3)	3B	3	S			D	3
	3824	RTECS No											CAS No				
					919-30-2												
Triethylamine	1339	1	0	0	R	3	0	1	2	2	2	3				D	3

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TRN	RTECS No	RTECS No	YE0175000	CAS No	121-44-8										
Triethylamine	706														
1,3,5-Triethylbenzene	1340	5	NI	5	NI	4	NI	0	(0)	(2)	(2)	(1)		F	2
Triethylbenzene	707														
Triethylglycol	1341	0	NI	0	R	0	0	0	0	(1)	1	1		D	1
Triethylglycol	708														
Triethylenetetramine	1346	0	NI	0	NR	3	NI	0	2	(3)	3	3		D	3
Triethylenetetramine	709														
Triethylenetetramine/2-piperazine-1-ylethylamine mixtures (#)	2456	0	NI	0	NR	2	NI	0	2	(3)	3	3		D	3
	3872														
Triethyl phosphate	1348	0	0	0	NR	1	0	1	0	0	(2)	(2)		D	2
Triethyl phosphate	705														
Triethyl phosphite	1349	0	NI	0	R	1	NI	1	0	2	1	2		FE	2
Triethyl phosphite	710														
Triisopropanolamine	1370	0	0	0	NR	1	0	1	0	0	(2)	3		FD	3
Triisopropanolamine	711														
Triisopropylated phenyl phosphates	1375	5	5	5	R	4	NI	0	0	0	0	0		S	0
Triisopropylated phenyl phosphates	712														
Trimethylacetic acid	1350	1	1	1	R	2	NI	1	1	(2)	2	2		Fp	2
Trimethylacetic acid	714														
Trimethylamine	1353	0	NI	0	R	1	NI	1	0	2	3	3		DE	3
Trimethylamine solution (30% or less)	715														
1,2,3-Trimethyl benzene	1354	3	3	3	NR	4	0	0	0	1	2	1		FE	2
Trimethylbenzene (all isomers)	716														
2,4,4-Trimethyl hexamethylene diamine	1359	1	NI	1	NI	NI	NI	1	0	(3)	2	3		D	3
Trimethylhexamethylenediamine (2,2,4- and 2,4,4-isomers)	718														
Trimethyl hexamethylene diisocyanate	1360	0	NI	0	NI	3	NI	0	NI	NI	NI	NI		S	NI
Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-isomers)	717														
Trimethylol propane polyethoxylate	1362	NI	NI	NI	NR	1	NI	0	0	NI	NI	NI		NI	NI
Trimethylolpropane polyethoxylate	719														
Trimethylol propane, propoxylated	2274	0	NI	0	(NR)	1	0	0	0	(1)	0	1		SD	1

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		RTECS No	CAS No														
Trimethylol propane propoxylated	2870																
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	1845	4	NI	4	NR	0	NI	0	0	(1)	1	0				F	
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	26		RTECS No	CAS No													
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	1364	3	NI	3	NI	2	NI	0	0	(1)	1	1				Fp	
2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate	27		RTECS No	CAS No													
2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate	1365	0	NI	0	R	NI	NI	NI	NI	NI	NI	NI				S	
Trimethyl phosphite	713		RTECS No	CAS No													
Trimethyl phosphite	1844	0	NI	0	NI	0	NI	0	0	0	0	1	R			SD	
1,3,5-Trioxane	10		RTECS No	CAS No													
1,3,5-Trioxane	1372	0	0	0	NR	0	NI	0	0	(0)	0	0				D	
Tripolyene glycol	720		RTECS No	CAS No													
Tripolyene glycol	1377	5	4	4	NR	4	1	(0)	(1)	(0)	(1)	(1)	R			S	
Trixylyl phosphate	721		RTECS No	CAS No													
Trixylyl phosphate	1378	0	NI	0	R	(2)	NI	(0)	(0)	(1)	(0)	(1)				Fp	
Tung oil	2784		RTECS No	CAS No													
Tung oil	1379	4	NI	4	NI	4	NI	0	(0)	1	(2)	2	AS	(T)		D	
Turpentine (wood)	722		RTECS No	CAS No													
Turpentine	1381	4	NI	4	(R)	3	NI	(0)	(0)	(2)	1	(2)				Fp	
Undecanoic acid	723		RTECS No	CAS No													
Undecanoic acid	1382	4	NI	4	R	4	NI	0	0	(2)	2	(1)				Fp	
1-Undecanol	724		RTECS No	CAS No													
Undecyl alcohol	1383	5	NI	5	NR	4	NI	(0)	(0)	(1)	(2)	(1)	A			F	
1-Undecene	24		RTECS No	CAS No													
1-Undecene	1384	0	0	0	R	1	NI	0	0	(1)	1	(1)				D	
Urea	726		RTECS No	CAS No													
Urea solution	1384	0	0	0	R	1	NI	0	0	(1)	1	(1)				D	
Urea	2627		RTECS No	CAS No													
Urea	1386	0	0	0	R	3	2	NI	NI	NI	NI	NI				NI	
Urea/Ammonium mono and dihydrogen phosphate/ Potassium chloride solution	727		RTECS No	CAS No													
Urea/Ammonium mono- and di-hydrogen phosphate/Potassium chloride solution	2322	0	NI	0	R	3	NI	0	0	(2)	1	2				D	
Urea/Ammonium nitrate solution (> 1% aq. ammonia)																	

**ANNEX 5 - GESAMP/EHS COMPOSITE LIST
GESAMP Hazard Profiles**

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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3
		RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No	RTECS No
Urea/Ammonium nitrate solution	728															
Urea/Ammonium nitrate solution (containing < 1% aq. ammonia)	1387	0	NI	0	R	1	2	0	0	(2)	1	2			D	2
Urea/Ammonium nitrate solution (containing less than 1% free ammonia)	729															
Urea-ammonium phosphate solutions	2179	0	0	0	R	3	2	(0)	(0)	(2)	(2)	(2)			D	2
Urea/Ammonium phosphate solution	730															
Urea-formaldehyde resin solution	1388	NI	NI	NI	NI	1	NI	1	1	NI	NI	NI	S		NI	2
Urea formaldehyde resin solution	725															
Vegetable acid oils	2371	0	NI	0	R	0	NI	(0)	(0)	(1)	(1)	(1)			Fp	2
Vegetable acid oils (m)	3138															
Vegetable oils fatty acid distillates	2369	0	NI	0	R	0	NI	(0)	(0)	(0)	(0)	(0)			Fp	2
Vegetable fatty acid distillates (m)	3137															
Vegetable protein solution,hydrolyzed	1398	0	NI	0	R	0	NI	(0)	(0)	(0)	(0)	(0)			D	0
Vegetable protein solution (hydrolysed)	734															
Vinyl acetate	1400	0	NI	0	R	2	NI	1	0	2	1	1	C		ED	3
Vinyl acetate	735															
Vinyl ethyl ether	1405	1	NI	1	NR	1	NI	0	0	0	1	1			E	2
Vinyl ethyl ether	736															
Vinylidene chloride	1406	2	1	1	NR	2	NI	2	0	(2)	2	2	M		SD	3
Vinylidene chloride	738															
Vinyl neodecanoate	1404	5	NI	5	NR	3	NI	0	0	(3)	3	3			F	3
Vinyl neodecanoate	737															
Vinyl toluenes	1409	3	3	3	NR	3	NI	0	0	2	2	1	NM	(T)	F	3
Vinyltoluene	739															
White spirit, low (15-20%)aromatic	1411	(4)	NI	(4)	(R)	3	NI	(0)	(0)	(2)	(1)	(2)	A		F	3
White spirit, low (15-20%) aromatic	742															
Wood lignin with sodium acetate/oxalate	2403	NI	NI	(0)	NR	(0)	NI	0	(0)	(1)	(1)	(1)			D	1
Wood lignin with sodium acetate/oxalate	3638															
Xylene (mixed isomers)	1408	3	NI	3	NR	3	0	0	0	0	2	2		(T)	FE	2
Xylenes	743															
Xylenes/Ethyl benzene (10% or more) mixture	2269	3	2	2	NR	3	1	(0)	(0)	(2)	(2)	(2)		(T)	FE	2

**ANNEX 5 - GESAMP/EHS COMPOSITE LIST
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EHS Name TRN Name	EHS TRN	A1a	A1b	A1	A2	B1	B2	C1	C2	C3	D1	D2	D3	E1	E2	E3	
		RTECS No		CAS No													
Xylenes/ethylbenzene (10% or more) mixture	2337																
Xylenols (mixtures)	1422	2	NI	2	R	3	NI	1	2	(3)	3	3		(T)	Fp	3	
Xylenol	744	RTECS No	ZE5425000	CAS No	1300-71-6												
Yeast Extract Solution with Propylene Glycol (25% or less)	2396	NI	0	0	R	0	NI	0	0	(1)	0	1					
Stabilized Yeast Extract Solution	3631	RTECS No		CAS No	8013-01-2												
Zinc alkaryl dithiophosphate (C7-C16) (LOA)	1977	0	NI	0	NR	3	NI	0	0	(0)	(0)	(0)			Fp	2	
Zinc alkaryl dithiophosphate (C7-C16)	745	RTECS No		CAS No													
Zinc alkenylcarboxamide (LOA)	2053	NI	0	0	NR	0	NI	0	0	(1)	1	(1)			Fp	2	
Zinc alkenyl carboxamide	746	RTECS No		CAS No													
Zinc alkyl dithiophosphate	1428	5	NI	5	NR	3	NI	0	0	0	2	2			S	2	
Zinc alkyl dithiophosphate (C3-C14)	747	RTECS No		CAS No													
Zinc bromide solutions	2227	Inorg	4	4	Inorg	3	NI	1	(2)	(3)	3B	3	S		D	3	
Zinc bromide solutions	2617	RTECS No		CAS No													
Zinc chloride	1425	Inorg	4	4	Inorg	4	1	(1)	(1)	(3)	(3)	(3)			D	3	
Zinc chloride	2869	RTECS No	ZH1400000	CAS No	7646-85-7												
Zinc chloride	1425	Inorg	4	4	Inorg	4	1	(1)	(1)	(3)	(3)	(3)			D	3	
Drilling brines (containing zinc salts)	307	RTECS No	ZH1400000	CAS No	7646-85-7												

ANNEX 6

**DRAFT AGENDA FOR THE FIFTY- SECOND SESSION
OF THE GESAMP/EHS WORKING GROUP**

- 1 Adoption of the agenda
 - 2 Outcome of other bodies
 - 3 Evaluation of new substances
 - 4 Correspondence with industry
 - 5 Consolidation of data files
 - Review of existing EHS files
 - Review of alkanes and alkenes (including paraffin and hydrocarbon waxes)
 - 6 Communication and publication
 - GHS classification of floating substances
 - Review of the use of GESAMP hazard profiles to support chemical incident response
 - 7 Any other business
 - Membership review
 - Report on finances
 - Confidentiality agreements and conflict of interest declarations for GESAMP/EHS experts
 - 8 Future work programme and agenda for the next session
 - 9 Consideration and adoption of the report
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