

# Surfactants FT-IR Spectral Library

## Index of Compounds

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
553	Acetamide MEA	33	Alkylphenoxy poly(ethyleneoxy) ethanol, modified
520	Acetylenic diol	417	Alkyl polyether alcohol
542	Alcohol ether sulfate	416	Alkyl polyether glycol
131	Alkanolamide, nonionic	559	Alkyl polyether sulfonate, Na salt
287	Alkyl aryl dimethyl ammonium chlorides	555	Alkyl polyether sulfonate, Na salt
600	Alkylaryl ether sulfate, ammonium salt	556	Alkyl polyether sulfonate, Na salt
248	Alkyl & aryl quaternary ammonium chlorides, mixture	558	Alkyl polyether sulfonate, Na salt
122	Alkylaryl sulfonate	135	Alkylpoly(ethyleneoxy) glycolamide
115	Alkylaryl sulfonate	244	Alkyl quaternary amine
114	Alkylaryl sulfonate	178	Alkyl sulfonic acid, branched
113	Alkylaryl sulfonate	177	Alkyl sulfonic acid, linear
218	Alkylbenzene, linear	438	Aryloxy poly(ethyleneoxy) ethanol
376	Alkylbenzene, linear C10-C13	436	Aryloxy poly(ethyleneoxy) ethanol
372	Alkylbenzene, linear C10-C14	634	Aryloxy poly(ethyleneoxy) ethanol
373	Alkylbenzene, linear C10-C14, mostly C13+C14	437	Aryloxy poly(ethyleneoxy) ethanol, anionic
250	Alkylbenzene sulfonate, Na salt	444	Aryloxy poly(ethyleneoxy) ethyl phosphate
185	Alkylbenzenesulfonic acids, C10-C16	518	Behenamido propyl dimethyl amine
318	Alkylbenzenesulfonic acids, polymerized	531	Bentonite, white
261	Alkylbenzenesulfonate, linear	619	Benzyl trimethyl ammonium chloride
607	Alkyl benzyl dimethyl ammonium chlorides	490	N,N-Bis(2-hydroxyethyl) alkyl(C12-C18) amine
622	Alkyl benzyl dimethyl ammonium chlorides	230	N,N-Bis(2-hydroxyethyl) tallow amine
470	Alkyl(C12,14,16) benzyl dimethyl ammonium chlorides	602	N,N-Bis(2-hydroxyethyl) tallow amine
83	Alkyloxy poly(ethyleneoxy) ethanol	544	N,N-Bis(hydroxyethyl) tallow amine oxide
97	Alkyloxy poly(ethyleneoxy) ethanol	606	N,N-Bis(tallowamidoethyl)-N-(2-hydroxypropyl) methylammonium methylsulfate
95	Alkyloxy poly(ethyleneoxy) ethanol	580	Butoxyethoxyacetic acid, Na salt
99	Alkyloxy poly(ethyleneoxy) ethanol	101	Butoxy poly(propyleneoxy:ethyleneoxy) ethanol
85	Alkyloxy poly(ethyleneoxy) ethanol	102	Butoxy poly(propyleneoxy:ethyleneoxy) ethanol
77	Alkyloxy poly(ethyleneoxy) ethanol	496	Calcium bentonite
89	Alkyloxy poly(ethyleneoxy) ethanol	112	Calcium sulfonate
84	Alkyloxy poly(ethyleneoxy) ethanol	569	Caprylimidazoline deriv., disodium salts
36	Alkyloxy poly(ethyleneoxy) ethanol	224	2-(2-Carboxyethoxy)ethyl-2-(2-hydroxyethoxy)ethoxyethyl methyl dodecyl ammonium methyl sulfate, K salt
94	Alkyloxy poly(ethyleneoxy) ethanol	489	Carboxymethyl laurylimidazole Trideceth-3, sulfate salt
92	Alkyloxy poly(ethyleneoxy) ethanol	511	Carboxypolymethylene
100	Alkyloxy poly(ethyleneoxy) ethanol	573	Cetyl trimethyl ammonium chloride
78	Alkyloxy poly(ethyleneoxy) ethanol	571	Cocoamido-2-hydroxypropyl sultaine
98	Alkyloxy poly(ethyleneoxy) ethanol	510	Cocoamido MEA sulfosuccinate, disodium salt
76	Alkyloxy poly(ethyleneoxy) ethanol	568	Cocoamido MIPA-sulfosuccinate, disodium salt
82	Alkyloxy poly(ethyleneoxy) ethanol	221	Cocoamidopropyl betaine
340	Alkyloxy poly(ethyleneoxy) ethanol	565	Cocoamidopropyl betaine
338	Alkyloxy poly(ethyleneoxy) ethanol	585	Cocoamidopropyl betaine
279	Alkyloxy poly(ethyleneoxy) ethanol, isoalkyl	586	Cocoamidopropyl betaine
42	Alkyloxy poly(ethyleneoxy) ethanol, linear	590	Cocoamidopropyl betaine
274	Alkyloxy poly(ethyleneoxy) ethanol, linear	592	Cocoamidopropyl betaine, K salt
332	Alkyloxy poly(ethyleneoxy) ethanol, linear	594	N-(3-Cocoamidopropyl)-N,N-dimethyl betaine, K salt
79	Alkyloxy poly(ethyleneoxy) ethanol, linear C-12,14,16	588	N-(3-Cocoamidopropyl)-N-(2-hydroxy-3-sulfopropyl)-N,N-dimethyl betaine, K salt
80	Alkyloxy poly(ethyleneoxy) ethanol, linear C-12,14,16	591	Cocoamidopropyl hydroxysultaine
87	Alkyloxy poly(ethyleneoxy) ethanol, secondary alkyl	615	Cocoamidopropyl sulfobetaine
88	Alkyloxy poly(ethyleneoxy) ethanol, secondary alkyl	577	Cocoamidopropyl sultaine
86	Alkyloxy poly(ethyleneoxy) ethanol, secondary alkyl	575	Cocoamphocarboxyglycinate
191	Alkyloxy poly(ethyleneoxy) ethyl phosphate	617	Cocoamphocarboxyglycinate + lauryl sulfate, Na salt
190	Alkyloxy poly(ethyleneoxy) ethyl phosphate	471	Cocoamphocarboxypropionate
192	Alkyloxy poly(ethyleneoxy) ethyl phosphate	567	Cocoamphocarboxypropionate, disodium salt
90	Alkyloxy poly(ethyleneoxy:propyleneoxy) isopropanol	548	Cocoamphoglycinate
91	Alkyloxy poly(ethyleneoxy:propyleneoxy) isopropanol	618	Cocoamphopropyl sulfonate
123	Alkylphenoxy poly(ethyleneoxy) ethanol	574	Cocoamphopropyl sulfonate
121	Alkylphenoxy poly(ethyleneoxy) ethanol	152	Coco betaine
273	Alkylphenoxy poly(ethyleneoxy) ethanol	366	Coconut fatty acids
462	Alkylphenoxy poly(ethyleneoxy) ethanol		
547	Alkylphenoxy poly(ethyleneoxy) ethanol		

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364	Coconut fatty acids	467	Dodecylbenzenesulfonic acid, linear
363	Coconut fatty acids	22	Dodecylphenoxypoly(ethyleneoxy)ethanol
365	Coconut fatty acids, partially hydrogenated	499	Dodecylphenoxypoly(ethyleneoxy)ethanol
367	Coconut fatty acids, stripped	497	Dodecylphenoxypoly(ethyleneoxy)ethanol
407	Coconut fatty acid, 2-sulfoethyl ester, Na salt	391	(Dodecyl+tetradecyl)oxypoly(ethyleneoxy)ethanol
130	Coconut oil amide	523	Eicosane-1,2-diol
139	Coconut oil amide, nonionic	633	1,2-Epoxyoctadecane
104	Coconut oil diethanolamide	426	Ether sulfate, ammonium salt
141	Coconut oil diethanolamide	612	Ethylcellulose
108	Coconut oil diethanolamide	53	ethylene glycol distearate
107	Coconut oil diethanolamide	453	Ethylene glycol monostearate
140	Coconut oil diethanolamide	554	2-Ethyl-1,3-hexanediol + Quaternium 33, 1:1
109	Coconut oil diethanolamide	182	2-Ethylhexyl phosphate
136	Coconut oil diethanolamide	336	7-Ethyl-2-methyl-4-hendecanol sulfate, Na salt
105	Coconut oil diethanolamide	223	Fatty amine poly(ethyleneoxy)carbolyate, K salt
463	Coconut oil diethanolamide	488	Fluorinated alkyl esters
360	Coconut oil diethanolamide	321	Fluoroaliphatic oligomer
469	Coconut oil diethanolamide	323	Fluoroalkyl quaternary ammonium iodides
611	Coconut oil diethanolamide	291	Fluorochemical surfactant
133	Coconut oil monoethanolamide	530	Fluorochemical surfactant
459	Coconut oil superamide	320	Fluorochemical surfactant, nonionic
448	N-Cocoyl-(3-amidopropyl)-N,N-dimethyl-N-ethyl salt	579	Fluorosurfactant
603	Cocoyl hydroxyethyl imidazoline	570	Fluorosurfactant
628	N-Cocoyl-N-methyltaurine, Na salt	264	Fluorosurfactant, anionic
257	Cocoyl sarcosinate, Na salt	263	Fluorosurfactant, anionic
117	Cocoyl sarcosine	609	Fluorosurfactant, nonionic
259	Complex tallow amido amine	348	Glycol
626	N-Cyclohexyl-N-palmitoyltaurine, Na salt	532	Guar gum
370	1-Decanol	527	Hectorite clay
171	Decyl oleate	137	2-Heptadecenyl-4-ethyl-2-oxazoline-4-methanol, 70-80%
48	Decyloxypoly(ethyleneoxy)ethanol	143	2-Heptadecenyl-4,4(5H)-oxazolinedimethanol, 60%
491	Decyloxypoly(ethyleneoxy)ethanol	599	Heptadecyl sulfate, Na salt
282	Decyloxypoly(ethyleneoxy)ethanol	347	1-Hexadecanol; Cetyl alcohol
476	Decyloxypoly(ethyleneoxy)ethanol	402	2-(2-(Hexadecyloxy)ethoxy)ethanol
184	Decyloxypoly(ethyleneoxy)(5)ethyl phosphate	371	1-Hexanol
561	Dehydroabietylaminopoly(ethyleneoxy)(10)ethanol	234	2-Hexyldecanol; Isocetyl alcohol
564	Dehydroabietylaminopoly(ethyleneoxy)(4)ethanol	167	Hexyl dodecanoate; Hexyl laurate
26	Dialkylphenoxypoly(ethyleneoxy)ethanol	170	Hexyl hexanoate
38	Dialkylphenoxypoly(ethyleneoxy)ethanol	238	Hydroxyethyl cocoamine
27	Dialkylphenoxypoly(ethyleneoxy)ethanol	550	Hydroxypropyl guar
20	Dialkylphenoxypoly(ethyleneoxy)ethanol	551	2-Hydroxy-3-(trimethylammonio)propyl guar gum chloride
23	Dialkylphenoxypoly(ethyleneoxy)ethanol	492	Isoalkyloxypoly(ethyleneoxy)ethanol
24	Dialkylphenoxypoly(ethyleneoxy)ethanol	168	Isocetyl stearate
495	Dicoco dimethyl ammonium chloride	456	Isostearamidopropyl dimethylamine
249	Didecyl dimethyl ammonium chloride	546	N-(Isostearamidopropyl)-N,N-dimethyl ethylammonium etho-sulfate
157	Dihexyl sulfosuccinate, Na salt	228	Isostearoyl-2-lactylate, Na salt
514	Diisobutylphenoxyethoxyethyl benzyl dimethyl ammonium chloride	227	Isostearyl lactate
449	Diisopropyl dimerate	294	Kraft lignin, modified, high m.w., Na salt
451	Diisopropyl sebacate	293	Kraft lignin, Na salt
535	Dimer carboxylic acids, 76% + 6% mono + 18% poly	299	Kraft lignins, modified
538	Dimer carboxylic acids, 77% + 8% mono + 15% poly	298	Kraft lignin sulfonate, modified, Na salt
536	Dimer carboxylic acids, 77% + 9% mono + 14% poly	297	Kraft lignin sulfonate, modified, Na salt
534	Dimer carboxylic acids, 91% + 4% mono + 5% poly	292	Kraft lignin sulfonate, Na salt
533	Dimer carboxylic acids, 94% + 4% mono + 2% poly	296	Kraft pine lignin, Na salt
180	3,5-Dimethyl-1-hexyn-3-ol	295	Kraft pine lignin polymer
164	3,6-Dimethyl-4-octyne-3,6-diol	129	Lauramide, nonionic
64	Dinonylphenoxypoly(ethyleneoxy)(7)ethanol	125	Lauramide, nonionic
342	Dinonylphenoxypoly(ethyleneoxy)(7)ethanol	578	Lauramphocarboxyglycinate, Na salt, Trideceth sulfate
146	Diocetyl sulfosuccinate, Na salt	545	Laureth sulfosuccinate, disodium salt
160	Diocetyl sulfosuccinate, Na salt	138	Lauric acid diethanolamide
632	Distearyl dimethylammonium chloride	424	Lauric acid diethanolamide
388	1-Dodecanol; Lauryl alcohol	127	Lauric acid isopropanolamide
593	Dodecylbenzenesulfonate triethanolamine	389	Lauric acid monoisopropanolamide
179	Dodecylbenzenesulfonic acid	368	Lauric acid poly(oxyethylene)amide
386	Dodecylbenzenesulfonic acid	134	Lauric/myristic acid diethanolamide, 70:30

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
151	Lauroyl sarcosine	434	Nonylphenoxypoly(ethyleneoxy)ethanol
515	Lauroyl sarcosine, Na salt	412	Nonylphenoxypoly(ethyleneoxy)ethanol
597	Lauroyl sarcosine, Na salt	432	Nonylphenoxypoly(ethyleneoxy)ethanol
247	Lauryl dimethyl amine	445	Nonylphenoxypoly(ethyleneoxy)ethanol
51	Lauryloxypoly(ethyleneoxy)(22)ethanol	418	Nonylphenoxypoly(ethyleneoxy)ethanol
355	Lauryloxypoly(ethyleneoxy)(3)ethanol	409	Nonylphenoxypoly(ethyleneoxy)ethanol
549	Lauryloxypoly(ethyleneoxy)ethyl sulfate, Na salt	500	Nonylphenoxypoly(ethyleneoxy)ethanol
627	Lauryl sulfate, Na salt	413	Nonylphenoxypoly(ethyleneoxy)ethanol
526	Lauryl sulfate, Na salt	410	Nonylphenoxypoly(ethyleneoxy)ethanol
377	Lecithin, heat-resistant	421	Nonylphenoxypoly(ethyleneoxy)ethanol
305	Lignin amine	414	Nonylphenoxypoly(ethyleneoxy)ethanol
306	Lignin (modified) sulfonate, Na salt	433	Nonylphenoxypoly(ethyleneoxy)ethanol
302	Lignin (modified) sulfonate, Na salt	498	Nonylphenoxypoly(ethyleneoxy)ethanol
307	Lignin (modified) sulfonate, Na salt	435	Nonylphenoxypoly(ethyleneoxy)ethanol
303	Lignin (modified) sulfonate, Na salt	419	Nonylphenoxypoly(ethyleneoxy)ethanol
304	Lignin sulfonate, Na salt	427	Nonylphenoxypoly(ethyleneoxy)ethanol
300	Lignin sulfonate, Na salt	431	Nonylphenoxypoly(ethyleneoxy)ethanol
309	Lignin sulfonate, Na salt	415	Nonylphenoxypoly(ethyleneoxy)ethanol
301	Lignin sulfonate, Na salt	411	Nonylphenoxypoly(ethyleneoxy)ethanol
310	Lignin sulfonate, Na salt, Cr-modified	345	Nonylphenoxypoly(ethyleneoxy)(0.5)ethanol
315	Lignin sulfonate, Na salt, low sugars	58	Nonylphenoxypoly(ethyleneoxy)(14)ethanol
316	Lignin sulfonate, Na salt, low sulfonation	62	Nonylphenoxypoly(ethyleneoxy)(3)ethanol
317	Lignin sulfonate, Na salt, purified	67	Nonylphenoxypoly(ethyleneoxy)(5)ethanol
311	Lignin sulfonate, NH4 salt + wood sugars	68	Nonylphenoxypoly(ethyleneoxy)(8)ethanol
308	Lignin sulfonates + wood sugars	358	Nonylphenoxypoly(ethyleneoxy)(8)ethyl phosphate
512	Lignosulfonate	11	Nonylphenoxypoly(ethyleneoxy)ethanol
106	Linoleic acid diethanolamide	524	Octadecane-1,2-diol
507	Magnesium aluminum silicate	369	1-Octanol
111	Magnesium sulfonate	15	2-(2-(Octylphenoxy)ethoxy)ethanol
222	Methosulfate quaternary ammonium salt	19	Octylphenoxyethyl poly(ethyleneoxy)ethanol
635	Methoxypolyethylene glycol	17	Octylphenoxyethyl poly(ethyleneoxy)ethanol
636	Methoxypolyethylene glycol 350	25	Octylphenoxyethyl poly(ethyleneoxy)ethanol
552	Methyl hydroxyethyl cellulose	18	Octylphenoxyethyl poly(ethyleneoxy)ethanol
406	N-Methyl-N-oleoyl taurine, Na salt	69	Octylphenoxyethyl poly(ethyleneoxy)(8)ethanol
335	Methyl tallow quaternary ammonium salt, hydrogenated	458	Octylphenoxyethyl poly(ethyleneoxy)(8)ethanol
637	Mineral oil + lanolin alcohol	16	Octylphenoxytetra(ethyleneoxy)ethanol
581	Molybdenite flotation reagent	595	Oleamide MIPA, disodium salt
441	Mono- and diglycerides	598	Oleamide MEA sulfosuccinate, disodium salt
394	Mono- and diglycerides + BHA + citric acid	103	Oleic acid diethanolamide
396	Mono- and diglycerides, meat fat + BHA + citric acid	439	Oleic acid monoisopropanolamide
392	Mono- and diglycerides, meat fat + Polysorbate 60	504	Oleic acid, sulfonated, Na salt
399	Mono- and diglycerides, meat fats	576	Oleoamphopropylsulfonate
393	Mono- and diglycerides + Polysorbate 60, soybean oil	116	Oleoyl sarcosine
395	Mono- and diglycerides, vegetable oil	172	Oleyl betaine
397	Mono- and diglycerides, vegetable oil	494	2-Oleyl-4,5-dihydro-(1H)-imidazole-1-ethanol
398	Mono- and diglycerides, vegetable oil + Polysorbate 80	29	Oleyloxypoly(ethyleneoxy)ethanol
428	Myristamidopropyl dimethylamine	362	Oleyloxypoly(ethyleneoxy)(22)ethanol
243	Myristyl dimethyl amine	70	Oleyloxypoly(ethyleneoxy)(8)ethanol
319	3-Nitrobenzenesulfonic acid, Na salt	525	Organophilic clay
57	2-(2-(Nonylphenoxy)ethoxy)ethanol	119	Pale wood rosin ethoxylate
7	Nonylphenoxypoly(ethyleneoxy)ethanol	624	PEG-10 soya sterol
13	Nonylphenoxypoly(ethyleneoxy)ethanol	623	PEG-16 soya sterol
3	Nonylphenoxypoly(ethyleneoxy)ethanol	625	PEG-5 soya sterol
21	Nonylphenoxypoly(ethyleneoxy)ethanol	529	Pentaerythrityl tetrapelargonate
12	Nonylphenoxypoly(ethyleneoxy)ethanol	613	Perfluoroalkyl sulfonates, amine salts
1	Nonylphenoxypoly(ethyleneoxy)ethanol	322	Perfluoroalkylsulfonic acids, ammonium salts
4	Nonylphenoxypoly(ethyleneoxy)ethanol	509	Perfluoroalkyl sulfonic acids, K salts
9	Nonylphenoxypoly(ethyleneoxy)ethanol	251	Petroleum sulfonate, Na salt + mineral oil
8	Nonylphenoxypoly(ethyleneoxy)ethanol	253	Petroleum sulfonate, Na salt + mineral oil
5	Nonylphenoxypoly(ethyleneoxy)ethanol	252	Petroleum sulfonate, Na salt + mineral oil
2	Nonylphenoxypoly(ethyleneoxy)ethanol	357	Phenoxypoly(ethyleneoxy)ethyl phosphate
10	Nonylphenoxypoly(ethyleneoxy)ethanol	201	Phosphoric acid, aliphatic mono- & diesters
6	Nonylphenoxypoly(ethyleneoxy)ethanol	204	Phosphoric acid, aliphatic mono- & diesters
14	Nonylphenoxypoly(ethyleneoxy)ethanol	206	Phosphoric acid, aliphatic mono- & diesters
420	Nonylphenoxypoly(ethyleneoxy)ethanol	207	Phosphoric acid, aromatic mono- & diesters
430	Nonylphenoxypoly(ethyleneoxy)ethanol	205	Phosphoric acid, aromatic mono- & diesters

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
208	Phosphoric acid, aromatic mono- & diesters	356	Poly(oxyethylene)(6) monooleate
203	Phosphoric acid, aromatic mono- & diesters	60	Poly(oxyethylene)(9) monooleate
202	Phosphoric acid, aromatic mono- & diesters	361	Poly(oxyethylene)(23) monostearate
219	Phosphoric acid, aromatic mono- & diesters	400	Poly(oxyethylene)(4) monostearate
220	Phosphoric acid, aromatic mono- & diesters	404	Poly(oxyethylene)(8) monostearate
209	Phosphoric acid, aromatic mono- & diesters	96	Poly(oxyethylene)(9) monostearate
193	Phosphoric acid, complex organic ester	31	Poly(oxyethylene) oleate
379	Phosphoric acid, ester	283	Poly(oxyethylene) oleylamine
229	Phosphoric acid, organic ester	35	Poly(oxyethylene)(30) oleylamine
183	Phosphoric acid, organic ester	270	Poly(oxyethylene)(9)poly(oxypropylene)(13) capryl lauryl ether
194	Phosphoric acid, organic esters	63	Poly(oxyethylene) sorbitan ester; Polysorbate 80 N.F.
501	Poly(alkenyl:alkanyl) esters	47	Poly(oxyethylene) sorbitan ester; Polysorbate 80 N.F.
442	Poly(alkenyl:alkanyl) esters	254	Poly(oxyethylene)(20) sorbitan monolaurate; Polysorbate 20
540	Polybasic carboxylic acids, 63% + 34% dibasic	72	Poly(oxyethylene)(20) sorbitan monolaurate; Polysorbate 20
214	Poly(dimethylsiloxane), emulsified	81	Poly(oxyethylene)(20) sorbitan monooleate; Polysorbate 80
216	Poly(dimethylsiloxane), modified	352	Poly(oxyethylene)(20) sorbitan monooleate; Polysorbate 80
375	Poly(ethyl acrylate:2-ethylhexyl acrylate)	604	Poly(oxyethylene)(20) sorbitan monooleate; Polysorbate 80 USP
374	Poly(ethyl acrylate:2-ethylhexyl acrylate), 40% in kerosene	255	Poly(oxyethylene)(20) sorbitan monopalmitate; Polysorbate 40
455	Polyethylene glycol-400 diisostearate	73	Poly(oxyethylene)(20) sorbitan monostearate; Polysorbate 60
272	Polyethylene glycol dioleate	256	Poly(oxyethylene)(20) sorbitan monostearate; Polysorbate 60
443	Polyethylene glycol-600 dioleate	502	Poly(oxyethylene)(40) sorbitol
281	Polyethylene glycol-400 ditallate	479	Poly(oxyethylene) soya glycerides
450	Polyethylene glycol-200 isostearate	242	Poly(oxyethylene)(2) soyamine
452	Polyethylene glycol-400 monolaurate	245	Poly(oxyethylene)(5) soyamine
344	Polyethylene glycol; Poly(oxyethylene)	276	Poly(oxyethylene) stearylamine
162	Poly(ethyleneoxy) phosphate	485	Poly(oxyethylene) tall oil acids
163	Poly(ethyleneoxy) phosphate	482	Poly(oxyethylene) tall oil acids
541	Polyolefin, oxidized	466	Poly(oxyethylene) tallow alkyl amine
235	Poly(oxyethylene) alkyl amine	484	Poly(oxyethylene) tallow amine
59	Poly(oxyethylene)(40) castor glycerides	285	Poly(oxyethylene) tallow amine
37	Poly(oxyethylene) castor oil	483	Poly(oxyethylene) tallow amine
288	Poly(oxyethylene) castor oil	233	Poly(oxyethylene)(15) tallow amine
271	Poly(oxyethylene) castor oil	246	Poly(oxyethylene)(15) tallowamine
55	Poly(oxyethylene)(16) castor oil	34	Poly(oxyethylene)(15) tallow amine
343	Poly(oxyethylene)(16) castor oil	354	Poly(oxyethylene)(2) tallow amine
56	Poly(oxyethylene)(30) castor oil	605	Poly(oxyethylene)(2) tallow amine
359	Poly(oxyethylene)(36) castor oil	353	Poly(oxyethylene)(20) tallow amine
457	Poly(oxyethylene)(5) castor oil	231	Poly(oxyethylene)(5) tallow amine
265	Poly(oxyethylene)(8) castor oil	260	Polypeptide/coco fatty acid condensate, K salt
284	Poly(oxyethylene) castor oil, hydrogenated	346	Poly(propylene/ethylene) glycol
66	Poly(oxyethylene)(16) castor oil, hydrogenated	277	Polypropylene glycol ditallate
65	Poly(oxyethylene)(25) castor oil, hydrogenated	350	Polypropylene oxide; Poly(oxypropylene)
493	Poly(oxyethylene) cocoamine	584	Poly(vinylpyrrolidone:ethyl methacrylate:methacrylic acid)
278	Poly(oxyethylene) cocoamine	258	Quaternary ammonium chloride
240	Poly(oxyethylene)(10) cocoamine	110	Ricinoleic acid diethanolamide
241	Poly(oxyethylene)(15) cocoamine	513	Silicon dioxide, amorphous, hydrophobic
239	Poly(oxyethylene)(5) cocoamine	175	Sodium laureth sulfate
266	Poly(oxyethylene)(10) coconut oil	174	Sodium laureth sulfate
465	Poly(oxyethylene)(5) coconut oil diethanolamide	71	Sorbitan monolaurate
54	Poly(oxyethylene) dioleate	75	Sorbitan monooleate
262	Poly(oxyethylene), fluorinated & nonfluorinated	351	Sorbitan monooleate
169	Poly(oxyethylene)(7)glyceryl cocoate	49	Sorbitan monooleate N.F.
267	Poly(oxyethylene)(26) glyceryl ether	126	Sorbitan monostearate
50	Poly(oxyethylene)(20) glyceryl monostearate	52	Sorbitan monostearate N.F.
154	Poly(oxyethylene)(75) lanolin	74	Sorbitan trioleate
128	Poly(oxyethylene)(75) lanolin	464	Sorbitan trioleate
460	Poly(oxyethylene)(75) lanolin	124	Sorbitan tristearate
601	Poly(oxyethylene) mono- and diglycerides	378	Soybean lecithin, natural fluid
275	Poly(oxyethylene) monolaurate	132	Stearic acid diethanolamide
475	Poly(oxyethylene) monolaurate	155	Stearic acid diethanolamide
478	Poly(oxyethylene) monolaurate	521	Stearic acid, rubber grade
481	Poly(oxyethylene) monolaurate	486	Stearylamine
474	Poly(oxyethylene) monolaurate	614	Stearyl benzyl dimethyl ammonium chloride
268	Poly(oxyethylene)(4) monolaurate		
269	Poly(oxyethylene)(8) monolaurate		
61	Poly(oxyethylene)(9) monolaurate		

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429	Stearylloxypoly(ethyleneoxy)(20)ethanol	181	2,4,7,9-Tetramethyl-5-decyne-4,7-diylbis[poly(ethyleneoxy)-ethanol]
217	Succinimide, basic, carbon black dispersant	608	2,4,7,9-Tetramethyl-5-decyne-4,7-diylpoly(ethyleneoxy)-ethanol
215	Succinimide, basic, pigment dispersant	610	2,4,7,9-Tetramethyl-5-decyne-4,7-diylpoly(ethyleneoxy)-ethanol
326	Sulfate ester	557	Thiodiethylene glycol
173	Sulfosuccinate ester	325	p-Toluensulfonic acid .H2O
423	Sulfosuccinate, isopropylamine salt	28	Tridecyloxypoly(ethyleneoxy)ethanol
161	Sulfosuccinic acid, half ester	30	Tridecyloxypoly(ethyleneoxy)ethanol
156	Sulfosuccinic acid, half ester	32	Tridecyloxypoly(ethyleneoxy)ethanol
153	Sulfosuccinic acid, half ester	289	Tridecyloxypoly(ethyleneoxy)ethanol
166	Sulfosuccinic acid, half ester	473	Tridecyloxypoly(ethyleneoxy)ethanol
159	Sulfosuccinic acid, half ester	477	Tridecyloxypoly(ethyleneoxy)ethanol
158	Sulfosuccinic acid, half ester	472	Tridecyloxypoly(ethyleneoxy)ethanol
330	Tallow amido amine	349	Tridecyloxypoly(ethyleneoxy)(8)ethanol
454	Tallow diethanolamide	528	Tridecyl stearate
587	N-Tallow-N,N,N',N',N'-pentamethyl propanediammonium dichloride	539	Trimer carboxylic acids, 62% + 3% mono + 35% di
572	Tallow trimethyl ammonium chloride	537	Trimer carboxylic acids, 80% + 2% mono + 18% di
147	TEA lauroyl sarcosinate	93	2,6,8-Trimethyl-4-nonyloxypoly(ethyleneoxy)ethanol
200	TEA lauryl sulfate	337	2,6,8-Trimethyl-4-nonyloxypoly(ethyleneoxy)(5)ethanol
390	1-Tetradecanol	339	2,6,8-Trimethyl-4-nonyloxypoly(ethyleneoxy)(9)ethanol
165	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	508	Xylenesulfonic acid, Na salt
516	Tetramethyldecyenediol + glycol on clay		