



LIST OF 'SCEPTICAL' MICROPLASTICS



Products on this list have been found to contain “sceptical microplastic” ingredients. These include but are not limited to Polyquaternium, Polysorbate, PEGs, and PPGs. By “sceptical microplastic” ingredients we mean synthetic polymers for which there is not enough information available. Some indicate toxicity to human life, some to aquatic environments, and for others we cannot find enough information.

PEGs and PPGs are polymers of ethylene oxide and propylene glycol respectively. The solubility, toxicity, persistence, and bio-accumulation of PEGs and PPGs is rather debated as it depends on the different chain lengths these polymers can have. For this reason, all PEGs and PPGs will be included in our orange list until further scientific research is available. Please contact us if you have information that would prove that the ingredients below are not persistent, bio-accumulative or toxic; and are readily biodegradable in all environmental compartments.

NO.	POLYMER	CAS	REASON
1	Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer	75150-29-7	Synthetic Polymer – NDA
2	Acrylates/Palmeth-25 Acrylate Copolymer		Synthetic Polymer - NDA
3	Acrylates/T-Butylacrylamide Copolymer	26062-56-6	Synthetic Polymer – NDA
4	Acrylic Acid/VP Crosspolymer	527685-31-0	Copolymer of acrylic acid and vinyl pyrrolidone - Synthetic Polymer - NDA
5	Acrylonitrile/Methyl Methacrylate Crosspolymer		Synthetic Polymer - NDA
6	Adipic Acid/Neopentyl Glycol Crosspolymer		Synthetic Polymer – NDA
7	Adipic acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	28407-73-0	Synthetic Polymer - NDA
8	Almond Oil PEG-6 Esters	124046-50-0	PEG
9	Aminopropyl Dimethicone	99363-37-8	Synthetic Polymer
10	Ammonium Acryloyldimethyltaurate/VP copolymer	335383-60-3	Copolymer of Substances of our Red List
11	Ammonium Polyacryldimethyltauramide	62152-14-1	Synthetic Polymer - NDA
12	Ammonium Polyacryldimethyltauramide/Ammonium Polyacryloyldimethyl Taurate	62152-14-1	Synthetic Polymer – NDA
13	Ammonium Polyacryloyldimethyl Taurate	62152-14-1	Synthetic Polymer – NDA
14	Amodimethicone	308070-89-5	Dimethicone
15	Amodimethicone/Morpholinomethyl Silsesquioxane Copolymer		Siloxane polymer
16	Amodimethicone/Silsesquioxane Copolymer	67923-07-03	Siloxane polymer
17	Apricot Kernel Oil PEG-6 Esters	69071-70-1	PEG
18	Behenoxy PEG-10 Dimethicone	1136947-78-8	PEG
19	Bis-Aminopropyl Dimethicone	106214-84-0	Synthetic Polymer of Dimethicone

20	Bis-Butyldimethicone Polyglyceryl-3		Silicone Polymer
21	Bis-C16-20 Isoalkoxy TMHDI/PEG-90 Copolymer		PEG/Synthetic Polymer
22	Bis-Cetearyl Amodimethicone		Synthetic Polymer – NDA
23	Bis-Diglyceryl Polyacyladipate-1		Synthetic Polymer – NDA
24	Bis-Diglyceryl Polyacyladipate-2	82249-33-0	Synthetic Polymer – Insoluble in water – no more data found (NDA)
25	Bis-Diisopropanolamino-PG-Propyl Dimethicone/Bis-isobutyl PEG-14 Copolymer		PEG & Synthetic Polymer of Dimethicone
26	Bis-Hydraxy/Methoxy Amodimethicone		Synthetic Polymer – NDA
27	Bis-Hydroxyethoxypropyl Dimethicone/Ipdi Copolymer Ethylcarbamate	628723-36-4	Synthetic Polymer of Dimethicone
28	Bis-Isobutyl PEG/PPG-20/35/Amodimethicone Copolymer		PEG/PPG
29	Bis-octyldodecyl Dimer Dilinoleate/Propanediol Copolymer		Synthetic Polymer - NDA
30	BIS-PEG-15 Dimethicone/IPDI Copolymer	190793-18-1	PEG
31	Bis-PEG-18 Methyl Ether Dimethyl Silane	67846-47-3	PEG
32	Bis-PEG/PPG-14/14 Dimethicone	151662-01-0	PEG
33	Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone	68937-55-3	PEG/PPG
34	Bis-PEG/PPG-20/20 Dimethicone		PEG
35	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone		PEG
36	Bis-Phenylpropyl Dimethicone	203265-11-6	Dimethicone based polymer
37	Bis-Vinyl Dimethicone/Dimethicone Copolymer		Synthetic Polymer of Dimethicone
38	Bis(Glycidoxyphenyl)Propane/Bisaminomethylnorbornane Copolymer	146277-66-9	NDA
39	Bisamino PEG/PPG-41/3 Aminoeth Pg-Propyl Dimethicone		PEG/PPG
40	Bisamino PEG/PPG-41/3 Aminoethyl Pg-Propyl Dimethicone		PEG/PPG
41	C11-15 Pareth-40	173244-48-9	PEG
42	C11-15 Pareth-7	68131-40-8	PEG
43	C12-16 Pareth-7	68551-12-2	PEG
44	C12-20 Acid PEG-8 Ester		PEG
45	C13-15 Pareth-2 Carboxamide MEA	107628-04-6	PEG
46	C20-24 Alkyl Dimethicone	200074-76-6	Siloxane Polymer
47	C26-28 Alkyl Dimethicone		Dimethicone
48	C28-52 Olefin/Undecylenic Acid Copolymer		Synthetic Polymer - NDA
49	C30-45 Alkyl Cetearyl Dimethicone Crosspolymer		Synthetic Polymer of Dimethicone
50	C30-45 Alkyl Dimethicone		Synthetic Polymer of Dimethicone

51	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane		Synthetic Polymer
52	CA/Crotonates/Vinyl Neodecanoate Copolymer		Synthetic Polymer – NDA
53	Caprylic/Capric Triglyceride PEG-4 Esters	246864-39-1	PEG
54	Capryloyl Glycerin/Sebacic Acid Copolymer		Synthetic Polymer – NDA
55	Caprylyl Methicone		Siloxane polymer
56	Cetareth-1	68439-49-6	Polyoxyethylene ethers - NDA
57	Cetareth-10	68439-49-6	Polyoxyethylene ethers - NDA
58	Cetareth-100	68439-49-6	Polyoxyethylene ethers - NDA
59	Cetareth-11	68439-49-6	Polyoxyethylene ethers - NDA
60	Cetareth-12	68439-49-6	Polyoxyethylene ethers - NDA
61	Cetareth-13	68439-49-6	Polyoxyethylene ethers - NDA
62	Cetareth-14	68439-49-6	Polyoxyethylene ethers - NDA
63	Cetareth-15	68439-49-6	Polyoxyethylene ethers - NDA
64	Cetareth-16	68439-49-6	Polyoxyethylene ethers - NDA
65	Cetareth-17	68439-49-6	Polyoxyethylene ethers - NDA
66	Cetareth-18	68439-49-6	Polyoxyethylene ethers - NDA
67	Cetareth-19	68439-49-6	Polyoxyethylene ethers - NDA
68	Cetareth-2	68439-49-6	Polyoxyethylene ethers - NDA
69	Cetareth-20	68439-49-6	Polyoxyethylene ethers - NDA
70	Cetareth-21	68439-49-6	Polyoxyethylene ethers - NDA
71	Cetareth-22	68439-49-6	Polyoxyethylene ethers - NDA
72	Cetareth-23	68439-49-6	Polyoxyethylene ethers - NDA
73	Cetareth-24	68439-49-6	Polyoxyethylene ethers - NDA
74	Cetareth-25	68439-49-6	Polyoxyethylene ethers - NDA

75	Cetareth-26	68439-49-6	Polyoxyethylene ethers - NDA
76	Cetareth-27	68439-49-6	Polyoxyethylene ethers - NDA
77	Cetareth-28	68439-49-6	Polyoxyethylene ethers - NDA
78	Cetareth-29	68439-49-6	Polyoxyethylene ethers - NDA
79	Cetareth-3	68439-49-6	Polyoxyethylene ethers - NDA
80	Cetareth-30	68439-49-6	Polyoxyethylene ethers - NDA
81	Cetareth-31	68439-49-6	Polyoxyethylene ethers - NDA
82	Cetareth-32	68439-49-6	Polyoxyethylene ethers - NDA
83	Cetareth-33	68439-49-6	Polyoxyethylene ethers - NDA
84	Cetareth-34	68439-49-6	Polyoxyethylene ethers - NDA
85	Cetareth-35	68439-49-6	Polyoxyethylene ethers - NDA
86	Cetareth-36	68439-49-6	Polyoxyethylene ethers - NDA
87	Cetareth-37	68439-49-6	Polyoxyethylene ethers - NDA
88	Cetareth-38	68439-49-6	Polyoxyethylene ethers - NDA
89	Cetareth-39	68439-49-6	Polyoxyethylene ethers - NDA
90	Cetareth-4	68439-49-6	Polyoxyethylene ethers - NDA
91	Cetareth-40	68439-49-6	Polyoxyethylene ethers - NDA
92	Cetareth-5	68439-49-6	Polyoxyethylene ethers - NDA
93	Cetareth-50	68439-49-6	Polyoxyethylene ethers - NDA
94	Cetareth-55	68439-49-6	Polyoxyethylene ethers - NDA
95	Cetareth-6	68439-49-6	Polyoxyethylene ethers - NDA
96	Cetareth-60	68439-49-6	Polyoxyethylene ethers - NDA

97	Cetareth-7	68439-49-6	Polyoxyethylene ethers - NDA
98	Cetareth-8	68439-49-6	Polyoxyethylene ethers - NDA
99	Cetareth-80	68439-49-6	Polyoxyethylene ethers - NDA
100	Cetareth-9	68439-49-6	Polyoxyethylene ethers - NDA
101	Ceteth-2	5274-61-3	PEG
102	Ceteth-20	9004-95-9	PEG
103	Cetyl Dimethicone Petrolatum		Synthetic Polymer of Dimethicone
104	Cetyl PEG/PPG-10/1		PEG
105	Cetyl PEG/PPG-10/1 Dimethicone	144243-53-8	PEG
106	Cetyl Polydimethylsiloxane		Synthetic polymer of dimethicone
107	Cetyl Triethylmonium Dimethicone PEG-8 Succinate		PEG
108	Coceth-7	61791-13-7	PEG
109	Cyclohexasiloxane	540-97-6	Synthetic silicone
110	Cyclomethicone		Synthetic Polymer – NDA
111	Cyclomethicone/Dimethicone Crosspolymer		Synthetic Polymer of Dimethicone
112	Cyclopentasiloxane	0541-02-06	Synthetic silicone
113	Cyclotetrasiloxane		NDA
114	Cyclotetrasiloxarie		Synthetic silicone
115	Cyclotrisiloxane		NDA
116	DI-PPG-2 Myreth-10 Adipate	397247-05-1	PPG
117	Di-PPG-2-Myreth-10 Adipate		PPG
118	Di-PPG-3 Myristyl Ether Adipate	227755-70-6	PPG
119	Dihydroxypropyl PEG-5 Linoleammonium Chloride	168677-75-6	PEG
120	Diisofearate/Poly-Hydroxystearate/Sebacate		PEG
121	Dimethicone 360		Dimethicone
122	Dimethicone Copolyol		Dimethicone
123	Dimethicone Crosspolymer-3		Siloxane polymer

124	Dimethicone PEG-7 Isostearate		
125	Dimethicone PEG-7 Phosphate		PEG
126	Dimethicone PEG-8 Meadowfoamate		PEG
127	Dimethicone PEG-8 Polyacrylate		Synthetic Polymer of Polyethylene
128	Dimethicone PEG/PPG-20/23 Benzoate		PEG
129	Dimethicone Propyl PG-Betaine		Dimethicone
130	Dimethicone Silylate		Synthetic Polymer of Dimethicone
131	Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer		PEG
132	Dimethicone/Divinyldimethicone/Silsesquioxane Crosspolymer		Silicone Polymer
133	Dimethicone/Methicone Copolymer	68037-59-2	Synthetic Polymer
134	Dimethicone/PEG-10 Crosspolymer		Synthetic Polymer of Dimethicone
135	Dimethicone/PEG-10/15 Crosspolymer		Synthetic Polymer of Dimethicone
136	Dimethicone/Phenyl Vinyl Dimethicone Crosspolymer		Crosspolymer of Dimethicone and Vinyl
137	Dimethicone/Polyglycerin-3 Crosspolymer		Dimethicone
138	Dimethicone/Silsesquioxane Copolymer		Siloxane Polymer
139	Dimethicone/Vinyl Dimethicone Crosspolymer		Silicon polymers consisting of dimethicone copolymers
140	Dimethicone/Vinyltrimethylsiloxysilicate Crosspolymer		Siloxane polymer
141	Dimethiconol	31692-79-2 or 70131-67-8	Hydroxylated synthetic silicone oil
142	Dimethiconol Stearate		Synthetic Polymer – NDA
143	Dimethiconol/Silsesquioxane Copolymer		Dimethicone based polymer
144	Dimethyl Silicone Fluid		Polydimethylsiloxanes/ PDMS Silicone Oils
145	Dimethylacrylamide/Sodium Acryloyldimethyltaurate Crosspolymer	187725-30-0	Synthetic Polymer - NDA
146	Diphenyl Dimethicone	68083-14-7	Siloxane polymer
147	Diphenyl Dimethicone/Vinyl Diphenyl Dimethicone/Silsesquioxane Crosspolymer		Synthetic Polymer - NDA
148	Diphenylsiloxy Phenyl Trimethicone	352230-22-9	Siloxane Polymer
149	Diphenylsiloxy Phenyl Trimethicone		Synthetic Polymer

150	Disodium Ethylene Dicocamide PEG-15 Disulfate		PEG
151	Disodium PEG-5 Laurylcitrate Sulfosuccinate	164458-73-5	PEG
152	Ethylene Copolymer		Synthetic Polymer – NDA
153	Ethyltrimonium Chloride Methacrylate/Hydrolyzed Wheat Protein Copolymer		Synthetic Polymer - NDA
154	Gelatin Crosspolymer	888888-08-6	NDA
155	Glycereth-25 PCA Isostearate	55355-31-2	PEG
156	Glycereth-26	31694-55-0	PEG
157	Glycidyl Neodecanoate/Phthalic Anhydride/TMP Crosspolymer		Synthetic Polymer – NDA
158	HDI/PPG/Polycaprolactone Crosspolymer	302791-95-3	PPG
159	HDI/Trimethylol Hexyllactone Crosspolymer	129757-76-2	NDA
160	HEA/Sodium Acryloyldimethyltaurate/Steareth-20 Methacrylate Copolymer	1562414-82-7	Synthetic Polymer - NDA
161	Hydrogen Dimethicone		Dimethicone
162	Hydrogenated C6-14 Olefin Polymers		Synthetic Polymer
163	Hydrogenated Dimer Dilinoleyl PEG-44/poly(1,2-butanediol)-15 Dimethyl Ether		PEG
164	Hydrogenated Dimer Dilinoleyl/Dimethylcarbonate Copolymer		Synthetic Polymer – NDA
165	Hydrogenated Poly(C6-14) Olefin		Synthetic Polymer - NDA
166	Hydrogenated Polycyclopentadiene		Synthetic Polymer – NDA
167	Hydrogenated Polydecene	68037-01-04	Synthetic Polymer - NDA
168	Hydrogenated Polydicyclopentadiene		Synthetic Polymer - NDA
169	Hydrogenated Polyisobutene	40921-86-6 or 61693-08-1	Derived from Polyisobutene
170	Hydrogenated Styrene/isoprene Copolymer	68648-89-5	Synthetic Polymer – NDA
171	Hydrolyzed Wheat Protein/PVP Crosspolymer		Synthetic Polymer – NDA
172	Hydroxyethyl Acrylate/IPDI/PPG-15 Glyceryl Ether Copolymer		Synthetic Polymer - NDA, PPG
173	Hydroxyethyl Acrylate/Sodium Acryloyl Dimethyl Taurate Copolymer		Synthetic Polymer – NDA
174	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer		Ibid. *different name variations
175	Hydroxypropylcocoate PEG-8 Dimethicone		PEG
176	IPDI/PEG-15 Cocamine Copolymer Dimer Dilinoleate		PEG
177	Ipdi/PEG-15 Soyamine Copolymer		PEG
178	IPDI/PEG-15 Soyamine Copolymer Dimer Dilinoleate		PEG
179	Isoceteth-20	69364-63-2	PEG
180	Isododecane Dimethicone		Synthetic Polymer of Dimethicone
181	Isosteareth-20	52292-17-8	PEG

182	Jojoba Wax PEG-120 Esters	159518-81-7	PEG
183	Lactic Acid/Glycolic Acid Copolymer		Synthetic Polymer
184	Laureth-1	4536-30-5	PEG
185	Laureth-10	9002-92-0	PEG
186	Laureth-11	9002-92-0	PEG
187	Laureth-12	3056-00-6 or 9002-92-0	PEG
188	Laureth-13	9002-92-0	PEG
189	Laureth-14	9002-92-0	PEG
190	Laureth-15	9002-92-0	PEG
191	Laureth-16	9002-92-0	PEG
192	Laureth-2	3055-93-4	PEG
193	Laureth-20	9002-92-0	PEG
194	Laureth-21	9002-92-0	PEG
195	Laureth-23	9002-92-0	PEG
196	Laureth-25	9002-92-0	PEG
197	Laureth-3	3055-94-5	PEG
198	Laureth-30	9002-92-0	PEG
199	Laureth-35	9002-92-0	PEG
200	Laureth-38	9002-92-0	PEG
201	Laureth-4	5274-68-0	PEG
202	Laureth-40	9002-92-0	PEG
203	Laureth-5	3055-95-6	PEG
204	Laureth-6	3055-96-7	PEG
205	Laureth-7	3055-97-8	PEG
206	Laureth-7 Citrate	161756-30-5	PEG
207	Laureth-8	3055-98-9	PEG
208	Laureth-9	3055-99-0	PEG
209	Lauryl PEG-10 Tris(trimethylsiloxy)silylethyl Dimethicone		PEG
210	Lauryl PEG-8 Dimethicone		PEG
211	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone		PEG
212	Lauryl PEG/PPG-18-18 Methicone		PEG/PPG
213	Lauryl PEG/PPG-18/18 Methicone	212335-52-9	PEG
214	Lauryl Polyethylene Glycol Ether		PEG
215	Linoleamidopropyl PG-Dimonium Chloride Phosphate Dimethicone		Synthetic Polymer of Dimethicone
216	Magnesium Laureth-8 Sulfate	62755-21-9	PEG

217	Maltodextrin/VP Copolymer	1323833-56-2	Synthetic Polymer - NDA
218	Methacrylate/Glycol Dimethacrylate Crosspolymer		Synthetic Polymer - NDA
219	Methoxy Amodimethicone/Silsesquioxane Copolymer		Synthetic Polymer – NDA
220	Methoxy PEG-22/Dodecyl Glycol Copolymer	88507-00-0	PEG
221	Methoxy PEG/PPG-25/4 Dimethicone		PEG/PPG
222	Methoxy PEG/PPG-7/3 Aminopropyl Dimethicone	298211-68-4	PEG/PPG
223	Methyl Trimethicone	17928-28-8	Silicone
224	Methyl Trimethicone		Synthetic Polymer – NDA
225	Methylsilanol/Silicate Crosspolymer	68584-81-6	Synthetic Polymer - NDA
226	Nylon-611/Dimethicone Copolymer		Synthetic Polymer of Dimethicone
227	Nylon-611/Dimethicone Copolymer		Synthetic Polymer of Nylon and Dimethicone
228	Octyldodecyl Citrate Crosspolymer	1182066-69-8	Synthetic Polymer - NDA
229	Oleate Decylglucoside Crosspolymer		NDA
230	Olive Oil PEG-7 Esters	103819-46-1	PEG
231	Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer		Synthetic Polymer – NDA
232	PCA Dimethicone	179005-03-9	Siloxane polymer
233	PEG 3350	25322-68-3	PEG
234	PEG-10 Dimethicone	0514-02-06	PEG
235	PEG-10 Olive Glycerides	[103819-46-1	PEG
236	PEG-10 Phytosterol		PEG
237	PEG-10 Soy Sterol		PEG
238	PEG-100		PEG
239	PEG-100 Stearate	9004-99-3	PEG
240	PEG-11 Avocado Glycerides	103819-44-9	PEG
241	PEG-115M	25322-68-3	PEG
242	PEG-12	25322-68-3	PEG
243	PEG-12 Allyl Ether	27274-31-3	PEG
244	PEG-12 Diisostearate		PEG
245	PEG-12 Dimethicone	68937-54-2	PEG
246	PEG-12 Dimethicone Crosspolymer		PEG & Dimethicone
247	PEG-12 Dimethicone/PPG-20 Crosspolymer		PEG
248	PEG-12 Palm Kernel Glycerides	124046-52-2	PEG
249	PEG-120		PEG
250	PEG-120 Esters		PEG
251	PEG-120 Glucose Dioleate		PEG
252	PEG-120 Methyl Glucose Dioleate	86893-19-8	PEG

253	PEG-120 Methyl Glucose Trioleate	1338929-66-0	PEG
254	PEG-13 Mink Glycerides	103819-45-0	PEG
255	PEG-14	25322-68-3	PEG
256	PEG-14 Avocado Glycerides	103819-44-9	PEG
257	PEG-14 Dimethicone		PEG
258	PEG-14M	25322-68-3	PEG
259	PEG-15 Cocamine	61791-14-8	PEG
260	Peg-15 Cocopolyamine		PEG
261	PEG-15 Disulfate Glyceryl Stearat		PEG
262	PEG-15 Glyceryl Isostearate		PEG
263	PEG-15 Glyceryl Stearate	51158-08-08	PEG
264	PEG-15 Glyceryl Stearate		PEG
265	PEG-150		PEG
266	PEG-150 Distearate	9005-08-07	PEG
267	PEG-150 Pentaerythrityl		PEG
268	PEG-150 Pentaerythrityl Tetrastearate	130249-48-8	PEG
269	PEG-150 Stearate	9004-99-3	PEG
270	PEG-150/Decyl Alcohol/Smdi Copolymer		PEG
271	PEG-150/Stearyl Alcohol/SMDI Copolymer	193487-42-2	PEG
272	PEG-16 Macadamia Glycerides	220459-99-4	PEG
273	PEG-16 Soy Sterol	68648-64-6	PEG
274	PEG-18 Glyceryl Oleate/Cocoate	26446-38-8	PEG
275	PEG-180	25322-68-3	PEG/PPG
276	PEG-180M		PEG
277	PEG-19 Dimethicone		PEG
278	PEG-192 Apricot Kernel Glycerides		PEG
279	PEG-2 Cocamide		PEG
280	PEG-2 Laurate	141-20-8	PEG
281	PEG-2 Soyamine	61791-24-0	PEG
282	PEG-2 Stearate		PEG
283	PEG-20		PEG
284	PEG-20 Almond Glycerides	124046-50-0	PEG
285	PEG-20 Castor Oil		PEG
286	PEG-20 Glyceryl Isostearate	68958-58-7	PEG
287	PEG-20 Glyceryl laurate		PEG
288	PEG-20 Glyceryl Stearate		PEG
289	PEG-20 Glyceryl Triisostearate		PEG
290	PEG-20 Hydrogenated Lanolin	68648-27-1	PEG

291	PEG-20 Methyl Glucose Sesquistearate	68389-70-8	PEG
292	PEG-20 Soy Sterol	68648-64-6	PEG
293	PEG-20 Stearate		PEG
294	PEG-200 Glyceryl Stearate		PEG
295	PEG-200 Hydrogenated Glyceryl Palmate	7732-18-5	PEG
296	PEG-200 Hydrogenated Glyceryl Palmitate		PEG
297	PEG-20M		PEG
298	PEG-22/Dodecyl Glycol Copolymer		PEG
299	PEG-220	25322-68-3	PEG
300	PEG-23M	25322-68-3	PEG
301	PEG-25 Hydrogenated Castor Oil		PEG
302	PEG-26-PPG-30 Phosphate		PEG
303	PEG-2M	25322-68-3	PEG
304	PEG-3 Dimethicone		PEG
305	PEG-3 Distearate	9005-08-07	PEG
306	PEG-3 Tallow Aminopropylamine		PEG
307	PEG-3 Tridecyl Ether Phosphate	9046-01-09	PEG
308	PEG-30 Castor Oil	61791-12-6	PEG
309	PEG-30 Dipolyhydroxystearate	70142-34-6	PEG
310	PEG-30 Glyceryl Cocoate	68201-46-7	PEG
311	PEG-30 Glyceryl Laurate		PEG
312	PEG-30 Glyceryl Stearate		PEG
313	PEG-30 Lanolin		PEG
314	PEG-30 Phytosterol	68441-03-02	PEG
315	PEG-30 Soy Sterol		PEG
316	PEG-30 Stearate		PEG
317	PEG-32	25322-68-3	PEG
318	PEG-33	25322-68-3	PEG
319	PEG-35 Almond Glycerides	124046-50-0	PEG
320	PEG-35 Castor Oil		PEG
321	PEG-35 Soy Glycerides	61791-23-9	PEG
322	PEG-4	25322-68-3	PEG
323	PEG-4 Dilaurate		PEG
324	PEG-4 Distearyl Ether		PEG
325	PEG-4 Laurate	9004-81-3	PEG
326	PEG-4 Rapeseedamide	85536-23-8	PEG
327	PEG-40 Castor Oil	61788-85-0	PEG
328	PEG-40 Glyceryl Cocoate	68201-46-7	PEG

329	PEG-40 Hydrogenated Castor Oil	61788-85-0	PEG
330	PEG-40 Sorbitan Perisostearate	58205-96-2	PEG
331	PEG-40 Sorbitan Peroleate		PEG
332	PEG-40 Sorbitanperisostearate		PEG
333	PEG-40 Stearate	9004-99-3	PEG
334	PEG-40/PPG-8 Methylaminopropyl Hydroxypropyl Dimethicone Copolymer		PEG
335	PEG-400		PEG
336	PEG-45 Palm Kernel Glycerides	68606-12-2	PEG
337	PEG-45/Dodecyl Glycol Copolymer	78336-31-9	PEG
338	PEG-450	25322-68-3	PEG
339	PEG-45M	25322-68-3	PEG
340	PEG-5 Ethylhexanoate		PEG
341	PEG-5 Glyceryl Stearate		PEG
342	Peg-5 Glyceryl Triisostearate	86846-21-1	PEG
343	PEG-5 Pentaerythrityl Ether		PEG
344	PEG-5 Soy Sterol	68648-64-6	PEG
345	PEG-50 Tridecyl Ether	24938-91-8	PEG
346	PEG-55 Lanolin		PEG
347	PEG-55 Propylene Glycol Oleate	86481-08-05	PEG
348	PEG-55 Stearate	9004-99-3	PEG
349	PEG-6		PEG
350	PEG-6 Almond Glycerides	124046-50-0	PEG
351	PEG-6 Beeswax		PEG
352	PEG-6 Caprylic/Capric Glycerides	361459-38-3	PEG
353	PEG-6 Cocamide		PEG
354	PEG-6 Sorbitan Stearate	9005-67-8	PEG
355	PEG-6 Stearate	9004-99-3	PEG
356	PEG-6 Tridecyl Ether Phosphate	9046-01-09	PEG
357	PEG-60 Almond Glycerides	124046-50-0	PEG
358	PEG-60 Glyceryl Isostearate		PEG
359	PEG-60 Hydrogenated Castor Oil	61788-85-0	PEG
360	PEG-60 Lanolin	61790-81-6	PEG
361	PEG-7 Amodimethicone		PEG
362	PEG-7 Caprylic/Capric Glycerides		PEG

363	PEG-7 Dimethicone		PEG
364	PEG-7 Dimethicone Isostearate		PEG
365	PEG-7 Glyceryl Cocoate	68201-46-7	PEG
366	PEG-7 Hydrogenated Castor Oil		PEG
367	PEG-7 Propylheptyl Ether		PEG
368	PEG-7 Trimethylolpropane Coconut Ether		PEG
369	PEG-70 Mango Glycerides		PEG
370	PEG-75		PEG
371	PEG-75 Lanolin	61790-81-6	PEG
372	PEG-75 Shea Butter Glycerides		PEG
373	PEG-75 Soy Glycerides		PEG
374	PEG-75 Stearate	9004-99-3 3	PEG
375	PEG-7M	25322-68-3	PEG
376	PEG-8	5117-19-1	PEG
377	PEG-8 Beeswax	8012-89-3	PEG
378	PEG-8 Caprylic/Capric Glycerides		PEG
379	PEG-8 Diisostearate		PEG
380	PEG-8 Dilaurate		PEG
381	PEG-8 Dimethicone		PEG
382	PEG-8 Distearate	9005-08-07	PEG
383	PEG-8 Isolauryl Thioether	13081-34-0	PEG
384	PEG-8 Laurate		PEG
385	PEG-8 Methicone		PEG
386	PEG-8 Raspberriate		PEG
387	PEG-8 Stearate	9004-99-3	PEG
388	PEG-8/Smdi Copolymer		PEG
389	PEG-80 Hydrogenated Glyceryl Palmate		PEG
390	PEG-80 Sorbitan Laurate	9005-64-5	PEG
391	PEG-9		PEG
392	PEG-9 Cocoglycerides		PEG
393	PEG-9 Polydimethylsiloxylethyl Dimethicone		PEG & Synthetic Polymer of Dimethicone
394	PEG-9 Stearate		PEG
395	PEG-9/PPG-7/MDI Copolymer	60941-30-2	PEG/PPG
396	PEG-90		PEG

397	PEG-90 Glyceryl Isostearate		PEG
398	PEG-90M	25322-68-3	PEG
399	PEG-9M	25322-68-3	PEG
400	PEG/PPG-10 Dimethicone		PEG/PPG
401	PEG/PPG-116/66 Copolymer	9003-11-6	PEG/PPG
402	PEG/PPG-120/10 Trimethylpropane Trioleate		PEG/PPG
403	PEG/PPG-14/14 Dimethicone		PEG/PPG
404	PEG/PPG-14/4 Dimethicone		PEG/PPG
405	PEG/PPG-14/7 Dimethyl Ether	61419-46-3	PEG/PPG
406	PEG/PPG-15/15 Acetate dimethicone	68037-64-9	PEG/PPG
407	PEG/PPG-15/15 Copolymer		PEG/PPG
408	PEG/PPG-15/15 Dimethicone		PEG/PPG & Dimethicone
409	PEG/PPG-17/16 Copolymer	9003-11-6	PEG/PPG
410	PEG/PPG-17/18 Dimethicone		PEG/PPG
411	PEG/PPG-17/4 Dimethyl Ether		PEG/PPG
412	PEG/PPG-17/6 Copolymer		PEG
413	PEG/PPG-18/18 Dimethicone	68037-64-9	PEG/PPG
414	PEG/PPG-19/19 Dimethicone		PEG/PPG
415	PEG/PPG-20/15 Dimethicone		PEG/PPG
416	PEG/PPG-20/6 Dimethicone		PEG
417	PEG/PPG-22/24 Dimethicone		PEG
418	PEG/PPG-25/25 Dimethicone		PEG/PPG
419	PEG/PPG-300/55 COPOLYMER	9003-11-6	PEG
420	PEG/PPG-36/41 Dimethyl Ether		PEG
421	PEG/PPG-4/12 Dimethicone		PEG/PPG
422	PEG/PPG-9/2 DIMETHYL ETHER	61419-46-3	PEG
423	PEG/PPG/Polybutylene Glycol/5/3 Glycerin		PEG/PPG
424	PEG/PPG/Polyisobutene Glycol-8/5/3 Glycerin		PEG/PPG

425	Pentylene Glycol Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer		Synthetic Polymer – NDA
426	Perfluorononyl Dimethicone		Synthetic Polymer of Polyethylene
427	Perfluorononyl Dimethicone/Methicone/Amodimethicone Crosspolymer		Synthetic Polymer of Dimethicone
428	Phenyl Trimethicone	2116-84-9	Silicone Polymer
429	Phenylisopropyl Dimethicone		Dimethicone
430	Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	186688-25-5	NDA
431	Poloxamer 101		Synthetic Copolymer of Polyethylene and Polypropylene Ether Glycol
432	Poloxamer 12	9003-11-6	Synthetic Polymer - NDA
433	Poloxamer 124	9003-11-6	Synthetic Polymer - NDA
434	Poloxamer 184	9003-11-6	Synthetic Polymer - NDA
435	Poloxamer 185		Ibid.
436	Poloxamer 188		Ibid.
437	Poloxamer 231		Synthetic Polymer - NDA
438	Poloxamer 338		Ibid.
439	Poloxamer 407	9003-11-6	Synthetic Polymer - NDA
440	Poloxamine 1307		Synthetic Polymer – NDA
441	Polyacrylamido Propyl-Trimonium Chloride		Synthetic Polymer - NDA
442	Polyaminopropyl Biguanide (PHMB)	133029-32-0 32289-58-0	Synthetic polymer, soluble in water but proven toxic and hazardous, no more data available
443	Polyaminopropyl biguanide stearate		Polymer Surfactant
444	Polybutylene Glycol/PPG-9/1 Copolymer		Synthetic Polymer
445	Polybutylene Glycol/PPG-9/1 Copolymer		Synthetic Polymer/PPG
446	Polycyclopentadiene	68132-00-3	Synthetic resin
447	Polydecene	37309-58-3 or 25189-70-2	NDA
448	Polydicyclopentadiene		Synthetic Polymer – NDA
449	Polyester/Epoxy Copolymer		Copolymer of Polyester
450	Polyethylene Wax		Synthetic Polymer of Polyethylene
451	Polyethylene-glycol (PEG)	25322-68-3	Mentioned in TAUW's report

452	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone		Synthetic Polymer of Dimethicone
453	Polyglyceryl-3 Stearate/Isostearate/Dimer Dilinoleate Copolymer		
454	Polyglyceryl-3 Stearate/Isostearate/Dimer Dilinoleate Crosspolymer	1361332-58-2	Synthetic Polymer - NDA
455	Polylysine	25104-18-1	Synthetic Polymer
456	Polynaphthalenesulfonate	9084-06-04	Synthetic Polymer – NDA
457	Polyperfluoromethylisopropyl Ether	69991-67-9	Synthetic polymer – declared as persistent and bioaccumulative in wildlife & humans (EWG)
458	Polyphosphorylcholine Glycol Acrylate	67881-99-6	Synthetic Polymer
459	Polypropylsilsesquioxane	36088-62-7	Synthetic Polymer – NDA
460	Polyquaternium Crosspolymer-3		Crosspolymer of Polyquaternium
461	Polyquaternium-10	81859-24-7 or 53568-66-4 or 54351-50-7 or 55353-19-0 or 68610-92-4 or 81859-24-7	Synthetic Polymers – Soluble in water but toxic to aquatic environments (GHS)
462	Polyquaternium-11		Ibid.
463	Polyquaternium-16	95144-24-4	Ibid.
464	Polyquaternium-2		Ibid.
465	Polyquaternium-22		Ibid.
466	Polyquaternium-24		Ibid.
467	Polyquaternium-28		Ibid.
468	Polyquaternium-30		Ibid.
469	Polyquaternium-32	35429-19-7	Ibid.
470	Polyquaternium-39	25136-75-8	Ibid.
471	Polyquaternium-4		Ibid.
472	Polyquaternium-43		ALL POLYQUATERNIUMS IN ORANGE - except those in ECHA
473	Polyquaternium-44		Ibid.
474	Polyquaternium-46		Ibid.
475	Polyquaternium-47		Ibid.
476	Polyquaternium-51		Ibid.
477	POLYQUATERNIUM-52		Synthetic Polymer
478	Polyquaternium-53	84647-38-1	Ibid.
479	Polyquaternium-55		Ibid.
480	Polyquaternium-59		Ibid.

481	Polyquaternium-67		Polyquaternium
482	Polyquaternium-68		Ibid.
483	Polyquaternium-69		Ibid.
484	Polyquaternium-70		Ibid.
485	Polyquaternium-72		Ibid.
486	Polyquaternium-76		Ibid.
487	Polyquaternium-77		Ibid.
488	Polyquaternium-81		Ibid.
489	Polyquaternium-88		Ibid.
490	Polysorbate 20	9005-64-5	Synthetic Polymers – NDA
491	Polysorbate 21		Synthetic Polymers – NDA
492	Polysorbate 40		Synthetic Polymers – NDA
493	Polysorbate 60	9005-67-8	Synthetic Polymers – NDA
494	Polysorbate 61		Synthetic Polymers – NDA
495	Polysorbate 65		Synthetic Polymers – NDA
496	Polysorbate 80	9005-65-6	Synthetic Polymers – NDA
497	Polysorbate 85	9005-70-3	Synthetic Polymers – NDA
498	Polyurea Crosspolymer-2	1403495-60-2	Synthetic Polymer
499	Potassium Acrylates Copolymer		Acrylates copolymer
500	Potassium Dimethicone PEG-7 Panthenyl Phosphate		PEG & Synthetic Polymer of Dimethicone
501	PPG-1 Trideceth-6		PPG
502	PPG-1 Trideceth-6 Sorbitan Oleate		PPG
503	PPG-1 Trideceth-8		PPG
504	PPG-1-PEG-9 Lauryl Glycol Ether		PEG/PPG
505	PPG-11 Stearyl Ether	25231-21-4	PPG
506	PPG-12	25322-69-4	PPG
507	PPG-12-Buteth-16	9038-95-3	PPG
508	PPG-12-PEG-50 Lanolin		PEG/PPG
509	PPG-12/SMDI Copolymer	9042-82-4	PPG
510	PPG-13-Decyltetradeceth-24		PPG

511	PPG-14 Butyl Ether	9003-13-8	PPG
512	PPG-15 Ether		PPG
513	PPG-15 Stearyl Ether	25231-21-4	PPG
514	PPG-15-Buteth-20	9038-95-3	PPG
515	PPG-17	25322-69-4	PPG
516	PPG-17/IPDI/DMPA Copolymer		PPG
517	PPG-2 Hydroxyethyl Cocamide		PPG
518	PPG-2 Hydroxyethyl Coco/Isostearamide	727722-74-9	PEG
519	PPG-2 Methyl Ether	13429-07-7 or 34590-94-8	PPG
520	PPG-2 Myreth-10		PPG
521	PPG-2 Myristyl Ether Propionate		PPG
522	PPG-2-Deceth-30		PPG
523	PPG-20 Methyl Glucose Ether	61849-72-7	PPG
524	PPG-20-Glycereth-30	9082-00-2	PPG
525	PPG-24-Glycereth-24	9082-00-2	PPG
526	PPG-25-Laureth-25		PEG/PPG
527	PPG-26 Oleate	31394-71-5	PPG
528	PPG-26-Buteth-26	9038-95-3 or 9065-63-8	PPG
529	PPG-26/Dimer Dilinoleate Copolymer		PEG/Synthetic Polymer
530	PPG-3 Benzyl Ether Ethylhexanoate		PPG
531	PPG-3 Benzyl Ether Myristate		PPG
532	PPG-3 Dipivalate		PPG
533	PPG-3 Myristyl Ether	63793-60-2	PPG
534	PPG-30		PPG
535	PPG-38-Buteth-37		PPG
536	PPG-4 Laureth/Myreth-5		PPG
537	PPG-5 Pentaerythrityl Ether		PPG
538	PPG-5-Ceteth		PPG
539	PPG-5-Ceteth-10 Phosphate	73361-29-2	PPG
540	PPG-5-Ceteth-20	9087-53-0 or 37311-01-6	PPG
541	PPG-5-Ceteth-30		PPG
542	PPG-51/Smdi Copolymer	9042-82-4	PPG
543	PPG-6		PEG
544	PPG-6-Decyltetradeceth-30	72484-69-6	PPG
545	PPG-66-Glycereth-12	9082-00-2	PPG
546	PPG-70 Tocophereth-100		PPG
547	PPG-8		PPG

548	PPG-9	25322-69-4	PPG
549	Propoxytetramethyl Piperdiny Dimethicone	171543-65-0	Siloxane Polymer Synthetic Polymer – GHS: (H340): May cause genetic defects – (H350): May cause cancer – (H373): May cause damage to organs through prolonged or repeated exposure
550	PVM/MA Copolymer (Poly(methyl vinyl ether-alt-maleic anhydride	9011-16-9	
551	PVM/MA Decadiene Crosspolymer	136392-67-1	Ibid.
552	PVP/Dimethylaminoethylmethacrylate Polycarbamyl Polyglycol Ester		Synthetic Polymer - NDA
553	PVP/Hexadecene Copolymer		Synthetic Polymer – NDA
554	Silica Dimethicone Silylate	67762-90-7 & 888888-05-8	Dimethyl Silicone Polymer with Silica
555	Silica Dimethyl Silylate	68611-44-9	Polymer of polysiloxane (RED)
556	Silsesquioxane Copolymer		Synthetic Polymer – NDA
557	Sodium Acrylate/Acryloyldimethyltaurate/Dimethylacrylamide Crosspolymer		Synthetic Polymer – NDA
558	Sodium Acryloyldimethyltaurate/VP Crosspolymer		Synthetic Polymer - NDA
559	Sodium C12-13 Pareth Sulfate	68957-18-6	PEG
560	Sodium Carbomer		Carbomer
561	Sodium Hyaluronate Crosspolymer		Synthetic Polymer
562	Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	Synthetic Crosspolymer formed by the reaction of laurylglucoside with 1,3-dichloro-2-propanol and sulfonated with 3-chloro-2-hydroxypropyl sulfonate – NDA
563	Sodium Hydroxypropylsulfonate Laurylglucoside-7 Crosspolymer	742087-49-6	Synthetic Polymer – NDA
564	Sodium Laureth-12 Sulfate	9004-82-4	PEG
565	Sodium Laureth-13 Carboxylate	33939-64-9	PEG
566	Sodium Laureth-14 Carboxylate	33939-64-9	PEG
567	Sodium Laureth-17 Carboxylate	33939-64-9	PEG
568	Sodium Laureth-8 Sulfate	9004-82-4	PEG
569	Sodium PEG-7 Olive Oil Carboxylate	226416-05-3	PEG
570	Sodium Polyacrylate Crosspolymer-1		Synthetic Polymer

571	Sodium Polyacryloyldimethyl Taurate		Synthetic Polymer – NDA
572	Sodium Polynaphthalenesulfonate	9084-06-04	Synthetic Polymer – NDA
573	Sorbitan Oleate Decylglucoside Crosspolymer		Synthetic Polymer - NDA
574	Steareth-10	13149-86-5	Polyethylene Glycol ethers of Stearic Acid
575	Steareth-100	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
576	Steareth-100/PEG-136/HDI Copolymer		PEG
577	Steareth-11	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
578	Steareth-12	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
579	Steareth-13	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
580	Steareth-14	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
581	Steareth-15	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
582	Steareth-16	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
583	Steareth-17	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
584	Steareth-18	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
585	Steareth-19	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
586	Steareth-2		PEG
587	Steareth-20	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
588	Steareth-200	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
589	Steareth-21		PEG
590	Steareth-25	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
591	Steareth-28	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
592	Steareth-29	9005-00-9	Polyethylene Glycol ethers of Stearic Acid

593	Steareth-3	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
594	Steareth-30	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
595	Steareth-4	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
596	Steareth-40	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
597	Steareth-5	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
598	Steareth-50	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
599	Steareth-6	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
600	Steareth-7	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
601	Steareth-8	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
602	Steareth-80	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
603	Steareth-9	9005-00-9	Polyethylene Glycol ethers of Stearic Acid
604	Stearoxy Dimethicone	8554-53-0	Siloxane Polymer
605	Stearoxymethicone/Dimethicone Copolymer		Synthetic Polymer of Dimethicone
606	Stearyl Dimethicone		Dimethicone based polymer
607	Stearyl/Octyldodecyl Citrate Crosspolymer		Synthetic Polymer - NDA
608	Styrene Isoprene Styrene Block Copolymer	25038-32-8	Synthetic Polymer - NDA
609	Sunflower Seed Oil PEG-8 Esters		PEG
610	Tapioca Starch Polymethylsilsesquioxane	68989-12-8	Polymethylsilsesquioxane
611	TEA-Carbomer		A triethanolamine salt of Carbomer
612	Tosylamide/Epoxy Resin		Synthetic Resin
613	Triaccontanyl PVP	136445-69-7	Polymer of PVP (RED)
614	Tribehenin PEG-20 Esters	220207-10-3	PEG

615	Triceteareth-4	119415-05-3	PEG
616	Tricontanyl PVP	136445-69-7	Synthetic Polymer - NDA
617	Trideceth-10		PEG
618	Trideceth-10 Phosphate	9046-01-09	PEG
619	Trideceth-11	24938-91-8	PEG
620	Trideceth-12		PEG
621	Trideceth-15	24938-91-8	PEG
622	Trideceth-2 Carboxamide MEA	107628-04-6	PEG
623	Trideceth-20	24938-91-8	PEG
624	Trideceth-3	24938-91-8	PEG
625	Trideceth-3 Phosphate	9046-01-09	PEG
626	Trideceth-5	24938-91-8 / 69011-36-5	PEG
627	Trideceth-50	24938-91-8	PEG
628	Trideceth-6		PEG
629	Trideceth-6 Phosphate	9046-01-09	PEG
630	Trideceth-7		PEG
631	Trideceth-8	24938-91-8 / 69011-36-5	PEG
632	Trideceth-9		PEG
633	Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone		Synthetic Polymer of Dimethicone
634	Triethoxysilylethyl Polydimethylsiloxylethyl Hexyl Dimethicone		Synthetic Polymer – NDA
635	Trifluoropropyldimethyl/Trimethylsiloxysilicate		Siloxane Polymer
636	Trilaureth-4 Phosphate	31800-90-5	Synthetic Polymer - NDA
637	Trimethylpentanediol/Adipic Acid/Glycerin Crosspolymer	282527-44-0	Synthetic Polymer - NDA
638	Trimethylsiloxiamodimethicone		Dimethicone based polymer
639	Trimethylsiloxysilylcarbamoyl Pullulan		Silicone Polymers
640	Undeceth-11		PEG
641	VA/Crotonates Copolymer		Synthetic Polymer – NDA
642	VA/Crotonates/Vinyl Neodecanoate Copolymer	58748-38-2	Large molecule of VA - Vinyl acetate - NDA
643	Vinyl Caprolactam/VP/Dimethylaminoethylmethacrylate Copolymer	102972-64-5	Synthetic Polymer - NDA
644	VP/Eicosene Copolymer	28211-18-9	Synthetic polymer – insoluble in water –

		derivative of from Alkylated polyvinylpyrrolidones
645 VP/Hexadecene Copolymer	32440-50-9	Synthetic polymer – insoluble in water – derivative of from Alkylated polyvinylpyrrolidones