



# 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	Source
1	Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer		Synthetic Polymer - NDA	1
2	Acrylates/T-Butylacrylamide Copolymer		Synthetic Polymer - NDA	2
3	Acrylic Acid/VP Crosspolymer	527685-31-0	copolymer of acrylic acid and vinyl pyrrolidone	
4	Adipic Acid/Neopentyl Glycol Crosspolymer	-	Crosslinked polyester polyol hybrid powder with elasticity and flexibility which consists of microspheres of varying sizes	3
5	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer		NDA	
6	Ammonium Acryloyldimethyltaurate/VP Copolymer		Copolymer of Substances of our Red List	
7	Ammonium Polyacryldimethyltauramide	62152-14-1	NDA	
8	Ammonium Polyacryldimethyltauramide/Ammonium Polyacryloyldimethyl Taurate		NDA	
9	Ammonium Polyacryloyldimethyl Taurate		Synthetic Polymer - NDA	4
10	Amodimethicone	308070-89-5	Dimethicone	
11	Amodimethicone/Morpholinomethyl Silsesquioxane Copolymer		siloxane polymer	
12	Bis-Aminopropyl Dimethicone		Synthetic Polymer of Dimethicone	
13	Bis-Cetearyl Amodimethicone		NDA	
14	Bis-Diglyceryl Polyacyladipate-1		Synthetic Polymer – Insoluble in water – no more data found (NDA)	
15	Bis-Diglyceryl Polyacyladipate-2	82249-33-0	Synthetic Polymer – Insoluble in water – no more data found (NDA)	5
16	Bis-Diisopropanolamino-PG-Propyl Dimethicone/Bis-isobutyl PEG-14 Copolymer		PEG and Dimethicone	
17	Bis-Hydraxy/Methoxy Amodimethicone		NDA	

18	Bis-Hydroxyethoxypropyl Dimethicone/Ipdi Copolymer Ethylcarbamate		Synthetic Polymer of Dimethicone
19	Bis-Isobutyl PEG/PPG-20/35/Amodimethicone Copolymer		PEG/PPG
20	Bis-PEG-18 Methyl Ether Dimethyl Silane	-	PEG
21	Bis-PEG/PPG-14/14 Dimethicone	-	PEG/PPG
22	Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone		PEG/PPG
23	Bis-PEG/PPG-20/20 Dimethicone		PEG/PPG
24	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone	-	PEG/PPG
25	Bis-Phenylpropyl Dimethicone	203265-11-6	Synthetic Polymer of Dimethicone
26	Bis-Vinyl Dimethicone/Dimethicone Copolymer		Synthetic Polymer of Dimethicone
27	Bis(Glycidoxyphenyl)Propane/Bisaminomethylnorbornane Copolymer		NDA
28	Bisamino PEG/PPG-41/3 Aminoethyl Propyl Dimethicone		PEG/PPG
29	Bisamino PEG/PPG-41/3 Aminoethyl Propyl Dimethicone		PEG/PPG
30	C12-20 Acid PEG-8 ester		PEG
31	C26-28 Alkyl Dimethicone		Dimethicone
32	C30-45 Alkyl Cetearyl Dimethicone Crosspolymer		Crosspolymer of Dimethicone
33	C30-45 Alkyl Dimethicone		Dimethicone
34	CA/Crotonates/Vinyl Neodecanoate Copolymer		Synthetic Polymer - NDA
35	Capryloyl Glycerin/Sebacic Acid Copolymer		NDA
36	Caprylyl Methicone		Siloxane Polymer
37	Ceteareth-1		Polyoxyethylene ethers - NDA
38	Ceteareth-10		Polyoxyethylene ethers - NDA
39	Ceteareth-100		Polyoxyethylene ethers - NDA
40	Ceteareth-11		Polyoxyethylene ethers - NDA
41	Ceteareth-12		Polyoxyethylene ethers - NDA
42	Ceteareth-13		Polyoxyethylene ethers - NDA
43	Ceteareth-14		Polyoxyethylene ethers - NDA
44	Ceteareth-15		Polyoxyethylene ethers - NDA
45	Ceteareth-16		Polyoxyethylene ethers - NDA
46	Ceteareth-17		Polyoxyethylene ethers - NDA
47	Ceteareth-18		Polyoxyethylene ethers - NDA
48	Ceteareth-19		Polyoxyethylene ethers - NDA
49	Ceteareth-2		Polyoxyethylene ethers - NDA
50	Ceteareth-20		Polyoxyethylene ethers - NDA
51	Ceteareth-21		Polyoxyethylene ethers - NDA
52	Ceteareth-22		Polyoxyethylene ethers - NDA
53	Ceteareth-23		Polyoxyethylene ethers - NDA
54	Ceteareth-24		Polyoxyethylene ethers - NDA
55	Ceteareth-25		Polyoxyethylene ethers - NDA
56	Ceteareth-26		Polyoxyethylene ethers - NDA
57	Ceteareth-27		Polyoxyethylene ethers - NDA
58	Ceteareth-28		Polyoxyethylene ethers - NDA
59	Ceteareth-29		Polyoxyethylene ethers - NDA

60	Cetareth-3		Polyoxyethylene ethers - NDA	
61	Cetareth-30		Polyoxyethylene ethers - NDA	
62	Cetareth-31		Polyoxyethylene ethers - NDA	
63	Cetareth-32		Polyoxyethylene ethers - NDA	
64	Cetareth-33		Polyoxyethylene ethers - NDA	
65	Cetareth-34		Polyoxyethylene ethers - NDA	
66	Cetareth-35		Polyoxyethylene ethers - NDA	
67	Cetareth-36		Polyoxyethylene ethers - NDA	
68	Cetareth-37		Polyoxyethylene ethers - NDA	
69	Cetareth-38		Polyoxyethylene ethers - NDA	
70	Cetareth-39		Polyoxyethylene ethers - NDA	
71	Cetareth-4		Polyoxyethylene ethers - NDA	
72	Cetareth-40		Polyoxyethylene ethers - NDA	
73	Cetareth-5		Polyoxyethylene ethers - NDA	
74	Cetareth-50		Polyoxyethylene ethers - NDA	
75	Cetareth-55		Polyoxyethylene ethers - NDA	
76	Cetareth-6		Polyoxyethylene ethers - NDA	
77	Cetareth-60		Polyoxyethylene ethers - NDA	
78	Cetareth-7		Polyoxyethylene ethers - NDA	
79	Cetareth-8		Polyoxyethylene ethers - NDA	
80	Cetareth-80		Polyoxyethylene ethers - NDA	
81	Cetareth-9		Polyoxyethylene ethers - NDA	
82	Cetyl Dimethicone Petrolatum		Dimethicone	
83	Cetyl PEG/PPG-10/1	-	PEG/PPG	
84	Cetyl PEG/PPG-10/1 Dimethicone	-	PEG/PPG	
85	Cetyl Polydimethylsiloxane	-	Dimethicone	
86	Cetyl Triethylmonium Dimethicone PEG-8 Succinate	-	Dimethicone	
87	Cyclohexasiloxane	-	Synthetic silicone	7
88	Cyclomethicone	-	Synthetic silicone	8
89	Cyclomethicone/Dimethicone Crosspolymer	-	Dimethicone Crosspolymer	
90	Cyclopentasiloxane	-	Synthetic silicone	9
91	Cyclotetrasiloxane	-	NDA	
92	Cyclotetrasiloxarie	-	Synthetic silicone	
93	Cyclotrisiloxane	-	NDA	
94	Di-PPG-2-Myreth-10 Adipate	-	PPG	
95	Di-PPG-3 Myristyl Ether Adipate	-	PPG	
96	Diisostearate/Poly-Hydroxystearate/Sebacate	-	NDA	
97	Dimethicone 360	-	Dimethicone	
98	Dimethicone Copolyol	-	Dimethicone	
99	Dimethicone PEG-7 Isostearate		PEG and Dimethicone	
100	Dimethicone PEG-7 Phosphate		PEG and Dimethicone	
101	Dimethicone PEG-8 Meadowfoamate	-	PEG and Dimethicone	
102	Dimethicone PEG-8 Polyacrylate		PEG and Dimethicone	
103	Dimethicone PEG/PPG-20/23 Benzoate		PEG and Dimethicone	
104	Dimethicone Propyl PG-Betaine	-	Dimethicone	
105	Dimethicone Silylate	-	Dimethicone	
106	Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	-	PPG and Dimethicone	
107	Dimethicone/PEG-10/15 Crosspolymer	-	PEG and Dimethicone	
108	Dimethicone/PEG-10 Crosspolymer	-	PEG and Dimethicone	

109	Dimethicone/Phenyl Vinyl Dimethicone Crosspolymer	-	Dimethicone	
110	Dimethicone/Polyglycerin-3 Crosspolymer	-	Dimethicone	
111	Dimethicone/Silsesquioxane Copolymer	68440-84-6	Dimethicone	10
112	Dimethicone/Vinyl Dimethicone Crosspolymer	-	Dimethicone	
113	Dimethiconol	31692-79-2	Hydroxylated Synthetic Silicone Oil	
114	Dimethiconol Stearate		Hydroxylated Synthetic Silicone Oil	
115	Dimethiconol/Silsesquioxane Copolymer		Dimethicone based polymer	
116	Dimethyl Silicone Fluid		Polydimethylsiloxanes/PDMS Silicone Oils	
117	Diphenyl Dimethicone/Vinyl Diphenyl Dimethicone/Silsesquioxane Crosspolymer	-	Dimethicone	11
118	Disodium Ethylene Dicocamide PEG-15 Disulfate	-	PEG	
119	Ethylene Copolymer	-	NDA	
120	Gelatin Crosspolymer	-	NDA	
121	Glycidyl Neodecanoate/Phthalic Anhydride/TMP Crosspolymer		NDA	
122	HDI/Trimethylol Hexyllactone Crosspolymer		NDA	
123	Hydrogen Dimethicone		NDA	
124	Hydrogenated Dimer Dilinoleyl/Dimethylcarbonate Copolymer		NDA	
125	Hydrogenated Polycyclopentadiene		Synthetic Polymer – NDA	
126	Hydrogenated Polydecene	68037-01-04	Synthetic Polymer – NDA	12
127	Hydrogenated Polydicyclopentadiene		Synthetic Polymer – NDA	
128	Hydrogenated Polyisobutene		Synthetic Polymer – NDA	
129	Hydrogenated Styrene/isoprene Copolymer	68648-89-5	Synthetic Polymer – NDA	
130	Hydrolyzed Wheat Protein/PVP Crosspolymer		Synthetic Polymer – NDA	
131	Hydroxyethyl Acrylate/Sodium Acryloyl Dimethyl Taurate Copolymer		NDA	
132	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer		Ibid. *different name variations	
133	Hydroxypropylcocoate PEG-8 Dimethicone	-	PEG	
134	Isoceteth-20 (PEG-20 isocetyl ether; polyoxyethylene (20) isocetyl ether)	69364-63-2	PEG	
135	Isododecane Dimethicone		Dimethicone	
136	Laureth-1		PEG	
137	Laureth-10		PEG	
138	Laureth-11		PEG	
139	Laureth-12		PEG	
140	Laureth-13		PEG	
141	Laureth-14		PEG	
142	Laureth-15		PEG	
143	Laureth-16		PEG	
144	Laureth-2		PEG	
145	Laureth-20		PEG	
146	Laureth-21		PEG	
147	Laureth-23		PEG	
148	Laureth-25		PEG	
149	Laureth-3		PEG	

150	Laureth-30		PEG	
151	Laureth-35		PEG	
152	Laureth-38		PEG	
153	Laureth-4 (Peg-4 Lauryl Ether; Polyethylene Glycol 200 Lauryl Ether; Polyoxyethylene; Lauryl Ether)		PEG	
154	Laureth-40		PEG	
155	Laureth-5		PEG	
156	Laureth-6		PEG	
157	Laureth-7		PEG	
158	Laureth-7 Citrate		PEG	
159	Laureth-8		PEG	
160	Laureth-9		PEG	
161	Lauryl Peg-10 Tris(Trimethylsiloxy)Silylethyl Dimethicone		PEG	
162	Lauryl PEG-8 Dimethicone		PEG	
163	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone		PEG	
164	Lauryl PEG/PPG-18/18 Methicone	-	PEG/PPG	
165	Linoleamidopropyl Pg-Dimonium Chloride Phosphate Dimethicone		Synthetic Polymer – NDA	
166	Magnesium Laureth-8 Sulfate	62755-21-9	PEG	
167	Methacrylate/Glycol Dimethacrylate Crosspolymer	-	Synthetic Crosspolymer of methacrylate and ethylene glycol dimethacrylate monomers – NDA	
168	Methoxy Amodimethicone/Silsesquioxane Copolymer		Synthetic Polymer – NDA	
169	Methoxy PEG-22/Dodecyl Glycol Copolymer	88507-00-0	PEG	
170	Methoxy PEG/PPG-25/4 Dimethicone	-	PEG/PPG	
171	Methyl Trimethicone		Synthetic Polymer – NDA	
172	Methylsilanol/Silicate Crosspolymer	68584-81-6	Synthetic Polymer – NDA	
173	Microcrystalline Wax		A complex combination of long, branched chain hydrocarbons obtained from residual oils by solvent crystallization – Insoluble in water	13,14
174	Nylon-611/Dimethicone Copolymer		Copolymer of Nylon and Dimethicone	
175	Octylacrylamide/Acrylates/Butylaminoe Methacrylate Copolymer		Copolymer of Acrylates and Methacrylate	
176	Oleate Decylglucoside Crosspolymer	-	NDA	15
177	Olive Oil PEG-7 Esters	-	PEG	
178	PCA Dimethicone		Dimethicone - NDA	
179	PEG-10 Dimethicone	-	PEG	
180	PEG-10 Olive Glycerides	-	PEG	
181	PEG-10 Phytosterol		PEG	
182	Peg-10 Soy Sterol		PEG	
183	PEG-100	-	PEG	
184	PEG-100 Stearate	-	PEG	
185	PEG-11 Avocado Glycerides		PEG	
186	PEG-12	-	PEG	
187	PEG-12 Diisostearate		PEG	

188	PEG-12 Dimethicone	-	PEG
189	PEG-12 Dimethicone/PPG-20 Crosspolymer		PEG/PPG
190	PEG-120		PEG
191	PEG-120 Glucose Dioleate	-	PEG
192	PEG-120 Methyl Glucose Dioleate	-	PEG
193	PEG-120 Methyl Glucose Trioleate	-	PEG
194	PEG-14 Dimethicone	-	PEG
195	PEG-14M	-	PEG
196	PEG-15 Cocamine	-	PEG
197	PEG-15 Cocopolyamine		PEG
198	PEG-15 Disulfate Glyceryl Stearate	-	PEG
199	PEG-15 Glyceryl Isostearate		PEG
200	PEG-15 Glyceryl Stearate		PEG
201	PEG-150		PEG
202	PEG-150 Distearate	-	PEG
203	PEG-150 Pentaerythrityl	-	PEG
204	PEG-150 Pentaerythrityl Tetrastearate	-	PEG
205	PEG-150 Stearate	-	PEG
206	Peg-150/Decyl Alcohol/Smdi Copolymer		PEG
207	PEG-16 Soy Sterol	-	PEG
208	PEG-18 Glyceryl Oleate/Cocoate	-	PEG
209	PEG-180	-	PEG
210	PEG-180M	-	PEG
211	PEG-192 Apricot Kernel Glycerides	-	PEG
212	PEG-2 Cocamide	-	PEG
213	PEG-2 Stearate	-	PEG
214	PEG-20	-	PEG
215	PEG-20 Castor Oil	-	PEG
216	PEG-20 Glyceryl Laurate	-	PEG
217	PEG-20 Glyceryl Stearate	-	PEG
218	PEG-20 Glyceryl Triisostearate	-	PEG
219	PEG-20 Methyl Glucose Sequistearate	-	PEG
220	PEG-20 Methyl Glucose Sesquistearate	-	PEG
221	PEG-20 Stearate	-	PEG
222	PEG-200 Glyceryl Stearate	-	PEG
223	PEG-200 Hydrogenated Glyceryl Palmate	-	PEG
224	PEG-200 Hydrogenated Glyceryl Palmitate	-	PEG
225	PEG-20m	-	PEG
226	PEG-22/Dodecyl Glycol Copolymer	-	PEG
227	PEG-220	-	PEG
228	PEG-23M	-	PEG
229	PEG-240/HDI Copolymer Bis-Decyltetradeceth-20 Ether	-	PEG
230	PEG-25 Hydrogenated Castor Oil	-	PEG
231	PEG-26-PPG-30 Phosphate	-	PEG
232	PEG-2M	-	PEG
233	PEG-3 Distearate	-	PEG
234	PEG-3 Tallow Aminopropylamine	-	PEG
235	PEG-30 Dipolyhydroxystearate	-	PEG
236	PEG-30 Glyceryl Laurate	-	PEG
237	PEG-30 Glyceryl Stearate	-	PEG
238	PEG-30 Lanolin	-	PEG

239	PEG-30 Stearate		PEG
240	PEG-32	-	PEG
241	PEG-35 Castor Oil		PEG
242	PEG-4	-	PEG
243	PEG-4 Dilaurate	-	PEG
244	PEG-4 Distearyl Ether		PEG
245	PEG-4 Laurate	-	PEG
246	PEG-4 Rapeseedamide	-	PEG
247	PEG-40 Castor Oil	-	PEG
248	PEG-40 Glyceryl Cocoate	-	PEG
249	PEG-40 Hydrogenated Castor Oil	-	PEG
250	PEG-40 Sorbitan Perisostearate	-	PEG
251	PEG-40 Sorbitan Peroleate	-	PEG
252	PEG-40 Sorbitanperisostearate	-	PEG
253	PEG-40 Stearate	-	PEG
254	PEG-40/PPG-8 Methylaminopropyl Hydroxypropyl Dimethicone Copolymer	-	PEG
255	PEG-400	-	PEG
256	PEG-45/Dodecyl Glycol Copolymer	78336-31-9	PEG
257	PEG-45M		PEG
258	PEG-5 Ethylhexanoate	-	PEG
259	PEG-5 Glyceryl Stearate	-	PEG
260	PEG-5 Pentaerythryl Ether	-	PEG
261	PEG-55 Lanolin		PEG
262	PEG-55 Propylene Glycol Oleate	-	PEG
263	PEG-55 Stearate	-	PEG
264	PEG-6	-	PEG
265	PEG-6 Beeswax	-	PEG
266	PEG-6 Caprylic/Capric Glycerides	-	PEG
267	PEG-6 Cocamide		PEG
268	PEG-60 Almond Glycerides	-	PEG
269	PEG-60 Glyceryl Isostearate	-	PEG
270	PEG-60 Hydrogenated Castor Oil	-	PEG
271	PEG-7 Amodimethicone		PEG
272	PEG-7 Caprylic/Capric Glycerides	-	PEG
273	PEG-7 Dimethicone		PEG and Dimethicone
274	PEG-7 Dimethicone Isostearate		PEG and Dimethicone
275	PEG-7 Glyceryl Cocoate	-	PEG
276	PEG-7 Hydrogenated Castor Oil		PEG
277	PEG-7 Propylheptyl Ether	-	PEG
278	PEG-70 Mango Glycerides	-	PEG
279	PEG-75		PEG
280	PEG-75 Lanolin	-	PEG
281	PEG-75 Shea Butter Glycerides		PEG
282	PEG-75 Stearate	-	PEG
283	PEG-7M	-	PEG
284	PEG-8	-	PEG
285	PEG-8 Beeswax	-	PEG
286	PEG-8 Caprylic/Capric Glycerides		PEG
287	PEG-8 Diisostearate		PEG
288	PEG-8 Dilaurate	-	PEG
289	PEG-8 Dimethicone		PEG



290	PEG-8 Distearate	-	PEG	
291	PEG-8 Laurate	-	PEG	
292	PEG-8 Raspberriate	-	PEG	
293	PEG-8 Stearate	-	PEG	
294	PEG-8/Smdi Copolymer	-	PEG	
295	PEG-80 Sorbitan Laurate	-	PEG	
296	PEG-9	-	PEG	
297	PEG-9 Cocoglycerides	-	PEG	
298	PEG-9 Polydimethylsiloxylethyl Dimethicone	-	PEG	
299	PEG-9 Stearate	-	PEG	
300	PEG-90	-	PEG	
301	PEG-90 Glyceryl Isostearate	-	PEG	
302	PEG-90M	-	PEG	
303	PEG/PPG-10 Dimethicone	-	PEG/PPG	
304	PEG/PPG-116/66 Copolymer	-	PEG/PPG	
305	PEG/PPG-14/14 Dimethicone	-	PEG/PPG	
306	PEG/PPG-14/4 Dimethicone	-	PEG/PPG	
307	PEG/PPG-15/15 acetate dimethicone	68037-64-9	PEG/PPG	
308	PEG/PPG-15/15 copolymer	-	PEG/PPG	
309	PEG/PPG-17/16 Copolymer	-	PEG/PPG	
310	PEG/PPG-17/18 Dimethicone	-	PEG/PPG	
311	PEG/PPG-17/4 Dimethyl Ether	-	PEG/PPG	
312	PEG/PPG-17/6 Copolymer	-	PEG/PPG	
313	PEG/PPG-18/18 Dimethicone	-	PEG/PPG	
314	PEG/PPG-19/19 Dimethicone	-	PEG/PPG	
315	PEG/PPG-20/15 Dimethicone	-	PEG/PPG	
316	PEG/PPG-20/6 Dimethicone	-	PEG/PPG	
317	PEG/PPG-22/24 Dimethicone	-	PEG/PPG	
318	PEG/PPG-25/25 Dimethicone	-	PEG/PPG	
319	PEG/PPG-4/12 Dimethicone	-	PEG/PPG	
320	PEG/PPG/Polybutylene Glycol-8/5/3 Glycerin	-	PEG/PPG	
321	PEG/PPG/Polybutylene Glycol/5/3 Glycerin	-	PEG/PPG	
322	PEG/PPG/Polyisobutene Glycol-8/5/3 Glycerin	-	PEG/PPG	
323	Pentylene Glycol Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer	-	NDA	
324	Perfluorononyl Dimethicone	-	Dimethicone	
325	Perfluorononyl Dimethicone/Methicone/Amodimethicone Crosspolymer	-	Dimethicone	
326	Phenylisopropyl Dimethicone	-	Dimethicone	
327	Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	-	NDA	
328	Poloxamer 101		Synthetic Copolymer of Polyethylene and Polypropylene Ether Glycol	
329	Poloxamer 12	9003-11-6	Ibid.	16
330	Poloxamer 124	9003-11-6	Ibid.	Ibid.
331	Poloxamer 184	9003-11-6	Ibid.	Ibid.
332	Poloxamer 185			



333	Poloxamer 188	9003-11-6	Ibid.	Ibid.
334	Poloxamer 231		Ibid.	
335	Poloxamer 338		Ibid.	
336	Poloxamer 407	9003-11-6	Ibid.	Ibid.
337	Poloxamine 1307		Ibid.	
338	Polyacrylamido Propyl-Trimonium Chloride		Synthetic Polymer - NDA	
339	Polyaminopropyl Biguanide (PHMB)	133029-32-0 32289-58-0 (unclear)	Synthetic polymer, soluble in water but proven toxic and hazardous, no more data available	10, 11
340	Polyaminopropyl biguanide stearate		PHMB	
341	Polycyclopentadiene		Synthetic resin	19
342	Polydecene	-	NDA	12
343	Polydicyclopentadiene		NDA	
344	Polyester/Epoxy Copolymer		Copolymer of Polyester	
345	Polyethylene glycol (PEG)	-	PEG	
346	Polyethylene wax		PE	
347	Polyethylene-glycol (PEG)	-	PEG	
348	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone		Synthetic Polymer of Dimethicone	
349	Polynaphthalenesulfonate	9084-06-04	Synthetic Polymer - NDA	20
350	Polyperfluoromethylisopropyl Ether	69991-67-9	Synthetic polymer – declared as persistent and bioaccumulative in wildlife & humans (EWG)	21
351	Polypropylene glycol (PPG)	-	PPG	
352	Polypropylsilsesquioxane		NDA	
353	Polyquaternium Crosspolymer-3		Crosspolymer of Polyquaternium	
354	Polyquaternium-10	-	Synthetic Polymers – Soluble in water but toxic to aquatic environments (GHS)	a 22,
355	Polyquaternium-11		Ibid.	Ibid.
356	Polyquaternium-16	-	Ibid.	Ibid.
357	Polyquaternium-22		Ibid.	Ibid.
358	Polyquaternium-24		Ibid.	
359	Polyquaternium-28		Ibid.	
360	Polyquaternium-30		Ibid.	Ibid.
361	Polyquaternium-32	35429-19-7	Ibid.	
362	Polyquaternium-39	25136-75-8	Ibid.	Ibid.
363	Polyquaternium-4		Ibid.	Ibid.
364	Polyquaternium-44		Ibid.	
365	Polyquaternium-46		Ibid.	
366	Polyquaternium-47		Ibid.	
367	Polyquaternium-51		Ibid.	Ibid.
368	Polyquaternium-55		Ibid.	
369	Polyquaternium-59	-	Ibid.	Ibid.
370	Polyquaternium-68		Ibid.	Ibid.
371	Polyquaternium-69		Ibid.	
372	Polyquaternium-70		Ibid.	
373	Polyquaternium-72		Ibid.	

<sup>a</sup> Polyquaternium -6 and -7 are included in the ECHA report as microplastics. However, we need specific indications that all polyquaterniums should be considered as microplastics. Until we have this further information all rest polyquaterniums will be kept in our Orange List.

374	Polyquaternium-76			Ibid.	Ibid.
375	Polyquaternium-81			Ibid.	
376	Polysorbate	-		Synthetic Polymers – NDA	23–25
377	Polysorbate 20	-		Synthetic Polymers – NDA	Ibid.
378	Polysorbate 21	-		Synthetic Polymers – NDA	Ibid.
379	Polysorbate 40	-		Synthetic Polymers – NDA	Ibid.
380	Polysorbate 60	-		Synthetic Polymers – NDA	Ibid.
381	Polysorbate 61	-		Synthetic Polymers – NDA	Ibid.
382	Polysorbate 65	-		Synthetic Polymers – NDA	Ibid.
383	Polysorbate 80	-		Synthetic Polymers – NDA	Ibid.
384	Polysorbate 85	-		Synthetic Polymers – NDA	Ibid.
385	Potassium Acrylates Copolymer			Acrylates Copolymer	
386	Potassium Dimethicone PEG-7 Panthenyl Phosphate			PEG and Dimethicone	
387	PPG-1 Trideceth-6			PPG	
388	PPG-1 Trideceth-6 Sorbitan Oleate			PPG	
389	PPG-1 Trideceth-8			PPG	
390	PPG-1-PEG-9 Lauryl Glycol Ether			PEG/PPG	
391	PPG-11 Stearyl Ether	-		PPG	
392	PPG-12	-		PPG	
393	PPG-12-PEG-50 Lanolin			PPG	
394	PPG-12/SMDI Copolymer			PPG	
395	PPG-13-Decyltetradeceth-24			PPG	
396	PPG-14 Butyl Ether	-		PPG	
397	PPG-15 Ether	-		PPG	
398	PPG-15 Stearyl Ether	-		PPG	
399	PPG-17/IPDI/DMPA Copolymer			PPG	
400	PPG-2 Hydroxyethyl Cocamide			PPG	
401	PPG-2 Hydroxyethyl Coco/Isostearamide	-		PPG	
402	PPG-2 Methyl Ether	-		PPG	
403	PPG-2 Myreth-10			PPG	
404	PPG-2 Myristyl Ether Propionate			PPG	
405	PPG-2-Deceth-30			PPG	
406	PPG-20 Methyl Glucose Ether	-		PPG	
407	PPG-26-Buteth-26	-		PPG	
408	PPG-3 Benzyl Ether Ethylhexanoate			PPG	
409	PPG-3 Benzyl Ether Myristate			PPG	
410	PPG-3 Myristyl Ether	-		PPG	
411	PPG-30			PPG	
412	PPG-38-Buteth-37			PPG	
413	PPG-4 Laureth/Myreth-5			PPG	
414	PPG-5 Pentaerythrityl Ether			PPG	
415	PPG-5-Ceteth	-		PPG	
416	PPG-5-Ceteth-20	-		PPG	
417	PPG-51/Smdi Copolymer	-		PPG	
418	PPG-6	-		PPG	
419	PPG-6-DECYLTETRADECETH-30	-		PPG	
420	PPG-8			PPG	
421	PPG-9	-		PPG	
422	PVM/MA Copolymer (Poly(methyl vinyl ether-alt-maleic anhydride))	9011-16-9		Synthetic Polymer – GHS: (H340): May cause genetic defects – (H350): May cause cancer –	26

			(H373): May cause damage to organs through prolonged or repeated exposure	
423	PVM/MA Decadiene Crosspolymer	136392-67-1	Ibid.	
424	PVP/Dimethylaminoethylmethacrylate Polycarbamyl Polyglycol Ester		Synthetic Polymer – NDA	
425	PVP/Hexadecene Copolymer		Synthetic Polymer – NDA	
426	Silica Dimethicone Silylate	67762-90-7/ 888888-05-8	Polymer of polysiloxane (RED)	
427	Silica Dimethyl Silylate		Polymer of polysiloxane (RED)	
428	Silsesquioxane Copolymer		Synthetic Polymer – NDA	
429	Sodium Acrylate/Acryloyldimethyltaurate/Dimethyl acrylamide Crosspolymer		Acrylates Crosspolymer	
430	Sodium Acryloyldimethyltaurate/VP Crosspolymer		Synthetic Polymer – NDA	
431	Sodium Carbomer		Carbomer	
432	Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	-	Synthetic Crosspolymer formed by the reaction of laurylglucoside with 1,3-dichloro-2-propanol and sulfonated with 3-chloro-2-hydroxypropyl sulfonate – NDA	27
433	Sodium Laureth-8 Sulfate	9004-82-4	PEG	
434	Sodium PEG-7 Olive Oil Carboxylate		PEG	
435	Sodium Polyacryloyldimethyl Taurate		Synthetic Polymer – NDA	
436	Sodium Polynaphthalenesulfonate	-	Synthetic Polymer – NDA	20
437	Sorbitol/Sebacic Acid Copolymer Behenate		NDA	
438	Steareth-10		Polyethylene Glycol ethers of Stearic Acid	
439	Steareth-100		Polyethylene Glycol ethers of Stearic Acid	
440	Steareth-100/PEG-136/HDI Copolymer		Copolymer of Polyethylene Glycol ethers of Stearic Acid	
441	Steareth-11		Polyethylene Glycol ethers of Stearic Acid	
442	Steareth-12		Polyethylene Glycol ethers of Stearic Acid	
443	Steareth-13		Polyethylene Glycol ethers of Stearic Acid	
444	Steareth-14		Polyethylene Glycol ethers of Stearic Acid	
445	Steareth-15		Polyethylene Glycol ethers of Stearic Acid	
446	Steareth-16		Polyethylene Glycol ethers of Stearic Acid	
447	Steareth-17		Polyethylene Glycol ethers of Stearic Acid	
448	Steareth-18		Polyethylene Glycol ethers of Stearic Acid	
449	Steareth-19		Polyethylene Glycol ethers of Stearic Acid	

450	Steareth-2		Polyethylene Glycol ethers of Stearic Acid	
451	Steareth-20		Polyethylene Glycol ethers of Stearic Acid	
452	Steareth-200		Polyethylene Glycol ethers of Stearic Acid	
453	Steareth-21		Polyethylene Glycol ethers of Stearic Acid	
454	Steareth-25		Polyethylene Glycol ethers of Stearic Acid	
455	Steareth-28		Polyethylene Glycol ethers of Stearic Acid	
456	Steareth-29		Polyethylene Glycol ethers of Stearic Acid	
457	Steareth-3		Polyethylene Glycol ethers of Stearic Acid	
458	Steareth-30		Polyethylene Glycol ethers of Stearic Acid	
459	Steareth-4		Polyethylene Glycol ethers of Stearic Acid	
460	Steareth-40		Polyethylene Glycol ethers of Stearic Acid	
461	Steareth-5		Polyethylene Glycol ethers of Stearic Acid	
462	Steareth-50		Polyethylene Glycol ethers of Stearic Acid	
463	Steareth-6		Polyethylene Glycol ethers of Stearic Acid	
464	Steareth-7		Polyethylene Glycol ethers of Stearic Acid	
465	Steareth-8		Polyethylene Glycol ethers of Stearic Acid	
466	Steareth-80		Polyethylene Glycol ethers of Stearic Acid	
467	Steareth-9		Polyethylene Glycol ethers of Stearic Acid	
468	Stearoxymethicone/Dimethicone Copolymer		Dimethicone based polymer	
469	Stearoxymethicone/Dimethicone Copolymer Synthetic		Dimethicone based polymer	
470	Stearyl Dimethicone		Dimethicone based polymer	
471	Synthetic Wax		Synthetic Polymer – NDA about its ingredients	28
472	Tapioca Starch Polymethylsilsesquioxane	68989-12-8	Polymethylsilsesquioxane (RED)	
473	Tosylamide/Epoxy Resin		Synthetic Resin	
474	Triaccontanyl PVP		Polymer of PVP (RED)	
475	Tribehenin PEG-20 Esters	220207-10-3	PEG	
476	Tricontanyl PVP	136445-69-7	Synthetic Polymer – NDA	
477	Trideceth-10		PEG	
478	Trideceth-12		PEG	
479	Trideceth-6		PEG	
480	Trideceth-7		PEG	

481	Trideceth-9		PEG	
482	Triethoxysilylethyl Polydimethylsiloxyethyl Hexyl Dimethicone		Synthetic Polymer – NDA	
483	Trilaureth-4 Phosphate	31800-90-5	Polyoxyethylene ethers - NDA	
484	Trimethylsiloxyamodimethicone		Dimethicone based polymer	
485	Undeceth-11 (Polyethylene Glycol (11) Undecyl Ether, Polyoxyethylene (11) Undecyl Ether)		PEG	
486	VA/Crotonates Copolymer			
487	Vinyl Caprolactam/VP/Dimethylaminoethyl Methacrylate Copolymer		Methacrylate Copolymer	
488	VP/Eicosene Copolymer	28211-18-9	Synthetic polymer – insoluble in water – derivative of from Alkylated polyvinylpyrrolidones	29
489	VP/Hexadecene Copolymer	32440-50-9	Synthetic polymer – insoluble in water – derivative of from Alkylated polyvinylpyrrolidones	29

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