

Appendix C: List of Chemical Compounds

This list of chemical compounds was generated based on previously conducted consumer products surveys. This list should not be considered a complete list of consumer products ingredients, but is designed to assist Responsible Parties and Formulators when filling out their Formulations section in the CPRT and CPRTF.

Chemical Name	CAS #
1-(1-butoxy-2-propoxy)-2-propanol	29911282
1-(2-methoxypropoxy)-2-propanol	13429077
1,1,1,2,2,3,4,5,5,5-decafluoropentane	138495428
1,1,1,2,2,3,4,5,5,5-decafluoropentane (hfc-43-10mee)	138495428
1,1,1,2-tetrafluoroethane	811972
1,1,1,2-tetrafluoroethane (hfc-134a)	811972
1,1,1,3,3-pentafluoropropane	460731
1,1,1,3,3-pentafluorobutane	406586
1,1,1,3,3-pentafluorobutane (hfc-365mfc)	406586
1,1,1,3,3-pentafluoropropane (hfc-245fa)	460731
1,1,1,3,5,5,5-heptamethyl-3-octyl-trisiloxane	17955883
1,1,1-trichloroethane	71556
1,1,2-trichloroethane	79005
1,1-diethoxybutane	3658955
1,1-difluoroethane	75376
1,1-difluoroethane (hfc-152a)	75376
1,2,3,4-tetrahydronaphthalene	119642
1,2,3-trimethylbenzene	526738
1,2,4-trimethylbenzene	95636
1,2-butadiene	590192
1,2-butylene oxide	106887
1,2-dichlorobenzene	95501
1,2-dichloroethane	107062
1,2-epoxybutane	106887
1,2-hexanediol	6920225
1,2-pentanediol	5343920
1,2-trans-dichloroethylene	156605
1,3,5-trimethylbenzene	108678
1,3-butanediol	107880
1,3-dichloro-1,2,2,3,3-pentafluoropropane	507551
1,3-dichloro-1,2,2,3,3-pentafluoropropane (hcfc-225bc)	507551

1,3-dichloropropene	542756
1,3-dihydroxypropane	504632
1,3-pentanediol	3174672
1,3-propanediol	504632
1,4-butanediol	110634
1,4-dichlorobenzene	106467
1,4-dioxane	123911
1,5-pentanediol	111295
1-amino-2-propanol	78966
1-bromopropane	106945
1-butanol	71363
1-butene	106989
1-butoxy-2-propanol	5131668
1-chloro, 2-methylbenzene	95498
1-chloro-2-(trifluoromethyl)-benzene	88164
1-chloro-2-trifluoromethyl benzene	88164
1-chloro-4-(trifluoromethyl)benzene	98566
1-chloro-4-methylbenzene	106434
1-chloro-4-trifluoromethyl benzene	98566
1-chloro-4-trifluoromethyl benzene (parachlorobenzotrifluoride)	98566
1-decanol	112301
1-dodecene	112414
1-ethyl-2-pyrrolidone	2687914
1-hexanol	111273
1-methyl-2-pyrrolidone	872504
1-methyl-4-isopropenylcyclohexene	138863
1-methyl-4-isopropenylcyclohexene (dl-dipentene)	138863
1-methyl-4-isopropylidene-1-cyclohexane	586629
1-methyl-4-isopropylidene-1-cyclohexane (terpinolene)	586629
1-naphthol	90153
1-nitropropane	108032
1-nonanal	124196
1-octanol	111875
1-octene	111660
1-pentanol	71410
1-propanol	71238
1-propanol, 2-methoxy-, 1-acetate	70657704
1-tetradecene	1120361

1-vinyl-2-pyrrolidone	88120
2-(2-ethylhexyloxy)ethanol	1559359
2, 6-dimethyloct-7-en-2-ol	18479588
2,2,3-trimethylbutane	464062
2,2,4,4,6,8,8-heptamethylnonane	4390049
2,2,4,6,6-pentamethylheptane	13475826
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846500
2,2,4-trimethyl-1,3-pentanediol isobutyrate	25265774
2,2,4-trimethyl-1,3-pentanediol isobutyrate (texanol)	25265774
2,2,4-trimethylpentane	540841
2,2-dimethylbutane	75832
2,3-butanediol	513859
2,3-butanedione	431038
2,3-dimethylbutane	79298
2,3-dimethylpentane	565593
2,4,4-trimethyl-1-pentene	107391
2,4-dimethylpentane	108087
2,6-dimethyl-2-heptanol	13254347
2,6-dimethyl-7-octen-2-ol	18479588
2-[2-(2-ethoxyethoxy) ethoxy] ethanol	112505
2-[2-(2-methoxyethoxy) ethoxy] ethanol	112356
2-amino-2-methyl-1,3-propanediol	115695
2-amino-2-methyl-1-propanol	124685
2-amino-2-methyl-1-propanol (amp)	124685
2-aminopropane	75310
2-bromo-2-nitropropane	5447972
2-butanol	78922
2-butanone oxime	96297
2-butoxy-1-propanol	15821837
2-butoxyethanol	111762
2-chloro-1,3,-butadiene	126998
2-chloro-1,3-butadiene	126998
2-chlorobenzotrifluoride	88164
2-chlorotoluene	95498
2-diethylaminoethanol	100378
2-dimethylaminoethanol	108010
2-dimethylaminoethanol (dmae)	108010
2-ethoxyethanol	110805

2-ethoxyethyl acetate	111159
2-ethyl cyanoacrylate	7085850
2-ethyl-1-hexanol	104767
2-ethylhexanoic acid	149575
2-ethylhexanol	104767
2-ethylhexyl acetate	103093
2-ethylhexyloxy-2-ethoxyethyl alcohol	1559360
2-heptanone	110430
2-hydroxyethyl methacrylate	868779
2-methacrylic acid	79414
2-methoxy-1-propanol	1589475
2-methoxy-1-propyl acetate	70657704
2-methoxyethanol	109864
2-methyl-1,3-propanediol	2163420
2-methyl-1-butanol	137326
2-methyl-2,4-pentanediol	107415
2-methyl-2-propanol	75650
2-methyl-2-propenoic acid	79414
2-methylamino-2-methyl-1-propanol	27646806
2-methylaminoethanol	109831
2-methylbutanoic acid	116350
2-methylbutyl acetate	624419
2-methylhexane	591764
2-methylpentane	107835
2-phenylethanol	60128
2-propenoic acid	68479094
2-propoxy-1-propanol	10215302
2-propoxyethanol	2807309
2-pyrrolidone	616455
2-undecanone	112129
3-(trimethoxysilyl)propyl methacrylate	2530850
3,3-dichloro-1,1,1,2,2-pentafluoropropane	422560
3,3-dichloro-1,1,1,2,2-pentafluoropropane (hcf-225ca)	422560
3,3-dimethylpentane	562492
3,7-dimethyl 6-octen1-al	106230
3,7-dimethyl 6-octen1-al (citronellal)	106230
3,7-dimethyl-6-octen-1-ol	106229
3,7-dimethyl-6-octen-1-ol (citronellol)	106229

3-ethylheptamethyltrisiloxane	17861608
3-methoxy-1-butanol	2517433
3-methoxy-1-butyl acetate	4435534
3-methoxy-3-methyl-1-butanol	56539663
3-methoxybutanol	2517433
3-methoxybutyl acetate	4435534
3-methyl-1,3-butanediol	2568334
3-methyl-2-butanone	563804
3-methylhexane	589344
3-methylpentane	96140
3-trimethoxysilylpropyl methacrylate	2530850
4,4-dimethyloxazolidine	51200874
4-amino-3-methylphenol	2835996
4-amino-m-cresol	2835996
4-butylresorcinol	18979618
4-chlorotoluene	106434
4-heptanone	123193
4-heptanone (dipropyl ketone)	123193
4-methyl-1-isopropylbenzene	99876
4-methyl-1-isopropylbenzene (p-cymene)	99876
4-methyl-2-pentanol	108112
4-methylpentan-2-one	108101
4-methylpentan-2-one (methyl isobutyl ketone)	108101
4-terpineol	562743
5-methyl-3-heptanone	541855
5-methylfurfural	620020
acetaldehyde	75070
acetic acid	64197
acetone	67641
acetophenone	98862
acrylic acid	79107
alpha-methylstyrene	98839
alpha-pinene	80568
alpha-terpinene	99865
alpha-terpineol	98555
ammonium chloride	12125029
ammonium hydroxide	1336216
amp	124685

amyl acetate	628637
amyl propionate	624544
a-terpenine	99865
benzaldehyde	100527
benzene	71432
benzene, 1-chloro, 2-methyl	95498
benzyl acetate	140114
benzyl alcohol	100516
benzyl chloride	100447
biacetyl	431038
butane	106978
butanedione	431038
butyl acetate	123864
butyl acrylate	141322
butyl alcohol	71363
butyl methacrylate	97881
butyl propionate	590012
butylresorcinol	18979618
caprylyl methicone	17955883
carbon dioxide	124389
chlorobenzene	108907
chlorobutanol	57158
chloromethane	74873
chloroprene	126998
chlorotoluene	25168052
cis-1,3-dichloropropene	10061015
cis-3-hexen-1-ol	928961
cis-3-hexenyl acetate	3681718
citronella oil	8000291
citronellal	106230
citronellene	2436900
citronellol	106229
citrus, extract	94266474
compressed air	132259100
cresol	1319773
cresols	1319773
cumene	98828
cyclohexane	110827

cyclohexanol	108930
cyclohexanone	108941
cyclohexyl methacrylate	101439
cyclomethicone	69430246
cyclopentane	287923
cyclotetrasiloxane	293516
cylcopentasiloxane	541026
d3 cyclomethicone	541059
d4 cyclomethicone	556672
d5 cyclomethicone	541026
d-alpha-pinene	7785708
dbe-4 dibasic ester	106650
d-camphor	464493
decamethylcyclopentasiloxane	541026
decamethyltetrasiloxane	141628
deet	134623
diacetone alcohol	123422
dibasic ester (dbe-3)	
dibasic ester (dme-1)	
dibasic esters	
dibutyl adipate	105997
dibutyl phthalate	84742
dichloromethane	75092
diethanolamine	111422
diethyl ether	60297
diethyl phthalate	84662
diethylbenzene	25340174
diethylbenzene	25340174
diethylene glycol	111466
diethylene glycol diethyl ether	112367
diethylene glycol mono(2-ethylhexyl) ether	1559360
diethylene glycol monobutyl ether	112345
diethylene glycol monobutyl ether acetate	124174
diethylene glycol monoethyl ether	111900
diethylene glycol monoethyl ether acetate	112152
diethylene glycol monohexyl ether	112594
diethylene glycol monomethyl ether	111773
diethylene glycol monophenyl ether	104687

diethylene glycol monopropyl ether	6881943
diethylene glycol n-butyl ether acetate	124174
diethylene glycol propyl ether	6881943
diethylenetriamine	111400
diethylethanolamine	100378
diethylhydroxyamine	3710847
dihydroxyacetone	96264
diisobutyl adipate	141048
diisobutyl ketone	108838
diisobutyl phthalate	84695
diisobutyl succinate	925064
di-iso-butylene	25167708
diisopropyl adipate	6938949
diisopropylamine	108189
dimethicone	8050815
dimethicone	9006659
dimethicone	9016006
dimethicone	63148629
dimethyl adipate	627930
dimethyl carbonate	616386
dimethyl ether	115106
dimethyl glutarate	1119400
dimethyl phthalate	131113
dimethyl succinate	106650
dimethyl sulfoxide	67685
dimethylamine	124403
dimethylaminoethanol	108010
dimethylcyclsiloxane	69430246
dimethylformamide	68122
dimethyl-o-toluidine	609723
dimethylpolysiloxane	8050815
dimethylpolysiloxane	9006659
dimethylpolysiloxane	9016006
dimethylpolysiloxane	63148629
dimethyl-p-toluidine	99978
diphenyl dimethicone	68083147
dipropyl ketone	123193
dipropylene glycol	25265718

dipropylene glycol methyl ether	34590948
dipropylene glycol methyl ether acetate	88917220
dipropylene glycol n-butyl ether	29911282
dipropylene glycol n-propyl ether	29911271
dipropylene glycol phenyl ether	51730940
dipropylene glycol t-butyl ether	132739312
dipropylene glycol tert-butyl ether	132739312
dipropylene glycol, propyl ether	29911271
divinylbenzene	1321740
dl-alpha-pinene	80568
dl-beta-pinene	127913
dl-camphor	76222
dl-dipentene	138863
dl-ethyl lactate	97643
d-limonene	5989275
dl-limonene	138863
dl-sec-butylamine	13952846
dmae	108010
dodecamethylhexacyclosiloxane	540976
dodecamethylpentasiloxane	141639
ethane	74840
ethanol	64175
ethoxy-nonafluorobutane (hfe 7200)	163702065
ethoxy-perfluoro-isobutane	163702065
ethoxy-perfluoro-n-butane	163702054
ethoxy-perfluoro-n-butane (hfe 7200)	163702054
ethyl 2-cyanoacrylate	7085850
ethyl 2-methyl-4-pentenoate	53399818
ethyl 2-methylbutyrate	7452791
ethyl 2-methylpentanoate	39255328
ethyl acetate	141786
ethyl acetoacetate	141979
ethyl acrylate	140885
ethyl butyrate	105544
ethyl cyanoacrylate	7085850
ethyl furoate	1335406
ethyl isobutyrate	97621
ethyl methacrylate	97632

ethyl nonafluoroisobutyl ether	163702065
ethyl perfluorobutyl ether	163702054
ethyl propionate	105373
ethyl-3-ethoxypropionate	763699
ethylbenzene	100414
ethylene	74851
ethylene dichloride	107062
ethylene dichloride (1,2-dichloroethane)	107062
ethylene glycol	107211
ethylene glycol butyl ether acetate	112072
ethylene glycol dibutyl ether	112481
ethylene glycol dimethacrylate	97905
ethylene glycol mono-2-ethylhexyl ether	1559359
ethylene glycol monobutyl ether	111762
ethylene glycol monobutyl ether [2-butoxyethanol]	111762
ethylene glycol monohexyl ether	112254
ethylene glycol monomethyl ether	109864
ethylene glycol monopropyl ether	2807309
ethylene glycol monopropyl ether (2-propoxyethanol)	2807309
ethylene glycol phenyl ether	122996
ethylene oxide	75218
ethylenediamine	107153
ethyltoluene	25550145
ethyltoluenes	25550145
ethylvinylbenzene	28106301
extract pine pinus palustris (pine)	97435148
extract pinus pinaster	90082750
formaldehyde	50000
formic acid	64186
fragrance	99999999
furancarboxylic acid,ethyl ester	1335406
furfuryl alcohol	98000
gamma-terpinene	99854
glutaraldehyde	111308
glycerin triacetate	102761
glycerin triacetate (triacetin)	102761
glycerol	56815
glycol monobutyl ether acetate	112072

glycol monoethyl ether	110805
glycol monoethyl ether acetate	111159
glycol monohexyl ether	112254
glycol monopropyl ether	2807309
glyoxal	107222
grouped inorganic compounds	99999998
grouped lvps	99999997
grouped vocs that are each less than 0.1 wt %	99999996
hamamelis virginiana, ext.	84696195
hcf-225bc	507551
hcf-225ca	422560
heptane	142825
hexamethylcyclotrisiloxane	541059
hexamethyldisilazane	999973
hexamethyldisiloxane	107460
hexanal	66251
hexane	110543
hexanol	111273
hexylene glycol	107415
hfc-134a	811972
hfc-152a	75376
hfc-245fa	460731
hfc-365mfc	406586
hfc-43-10mee	138495428
hfo-1234ze	29118249
hydrocarbons, terpene processing by-products	68956569
hydrogen peroxide	7722841
isoamyl acetate	123922
isoamyl butyrate	106274
isobutane	75285
isobutyl acetate	110190
isobutyl acrylate	106638
isobutyl alcohol	78831
isobutyl isobutyrate	97858
isobutyl ketone	108838
isobutyl methacrylate	97869
isobutylamine	78819
isododecane	31807553

isoheptane	591764
isohexadecane	4390049
isohexane	107835
isononyl alcohol	2430220
isooctane	26635643
isopentane	78784
isopentyl formate	110452
isophorone	78591
isopropanol	67630
isopropenylbenzene	98839
isopropyl 2-cyanoacrylate	10586171
isopropyl acetate	108214
isopropyl alcohol	67630
isopropyl cyanoacrylate	10586171
isopropyl palmitate	142916
isopropylamine	75310
kerosene	8008206
l-alpha-terpineol	10482561
l-beta-pinene	18172673
l-ethyl lactate	687478
ligroine	8032324
linalool	78706
mek	78933
menthol	89781
mesitylene	108678
methacrylate(1-)	18358139
methacrylic acid anion	18358139
methanol	67561
methyl acetate	79209
methyl amyl alcohol	108112
methyl ethyl ketone	78933
methyl ethyl ketone (mek)	78933
methyl ethyl ketoxime	96297
methyl isoamyl ketone	110123
methyl isobutyl ketone	108101
methyl lactate	547648
methyl methacrylate	80626
methyl n-amyl ketone	110430

methyl nonafluoroisobutyl ether	163702087
methyl nonyl ketone	112129
methyl palmitate	112390
methyl perfluorobutyl ether	163702076
methyl propyl ketone	107879
methyl trimethicone	17928288
methylbutyric acid	116350
methylcyclohexane	108872
methylcyclopentane	96377
methylene chloride	75092
methylene chloride (dichloromethane)	75092
methylene glycol	463570
methylethylamine	109831
methylpolysiloxane	9004733
methyltrimethoxysilane	1185553
methyltris(trimethylsiloxy)silane	17928288
monoethanolamine	141435
morpholine	110918
m-xylene	108383
n,n-diethyl-m-toluamide	134623
n,n-diethyl-o-toluidine	609723
n,n-dimethylaniline	121697
n,n-dimethylethanolamine	108010
n,n-dimethylformamide	68122
naphthalene	91203
n-butane	106978
n-butyl acetate	123864
n-butyl alcohol	71363
n-butyl methacrylate	97881
n-butyl propionate	590012
n-dodecane	112403
neopentyl alcohol	75843
n-heptane	142825
n-hexane	110543
n-hexanol	111273
n-hexyl acetate	142927
nitroethane	79243
nitrogen	7727379

n-methyl-2-pyrrolidone	872504
n-nonane	111842
n-octane	111659
nonadienal t-2, cis-6	557482
nonanal	124196
nonane	111842
n-pentane	109660
n-propyl acetate	109604
n-propyl alcohol	71238
n-propyl bromide	106945
n-tridecane	629505
octamethylcyclotetrasiloxane	556672
octamethyltrisiloxane	107517
octane	111659
oils, pine, pinussylvestris	8023992
oils, siberian fir	8021292
oils, hamamelisvirginiana	68916392
o-xylene	95476
p-amyl acetate	628637
parachlorobenzotrifluoride	98566
p-cymene	99876
peg	25852475
pentafluorobenzonitrile	773820
pentyl propionate	624544
perchloroethylene	127184
perchloroethylene (tetrachloroethylene)	127184
perfluoro compounds	86508421
perfluoro compounds, c5-18	86508421
perfluoro(1,3-dimethylcyclohexane)	335273
perfluoro-1,3-dimethylcyclohexane	335273
perfluorodecalin	306945
peroxyacetic acid	79210
petroleum ether	8032324
phenol	108952
phenoxyethanol	122996
phenyl acetate	122792
pinane	473552
pine essential oil	8002093

pine leaf oil	8000268
pine oil	8002093
pine scotch oil	8023992
pine tar	8011481
pine tar oil	8011481
pine, ext.	94266485
pine, pinushalepensis, ext.	97435137
pine, pinuspalustris, ext	97435148
pine, pinusstrobus, ext.	90082772
pine, pinussylvestris, ext.	84012351
pinus halepensis	97435137
pinus mugo leaf oil	8000268
pinus pinaster bark extract	90082750
pinus pinaster bark/bud extract	90082750
pinus pinaster leaf/twig oil	90082750
pinus strobus (pine) bark extract	90082772
pinus strobus bark extract	90082772
pinus sylvestris	84012351
pinus sylvestris cone extract	84012351
pinus sylvestris leaf oil	8023992
pinus sylvestris leaf water	84012351
pinus sylvestris, scotch pine	8023992
poly(ethylene glycol) dimethacrylate	25852475
poly(methylhydrosiloxane)	9004733
polylimonene	9003730
polytetrafluoroethylene	9002840
polytetrafluoroethylene (ptfe)	9002840
propane	74986
propanoic acid	79094
propanol	71238
propargyl alcohol	107197
propionic acid	79094
propyl acetate	109604
propyl alcohol	71238
propyl benzene	103651
propylbenzene	103651
propylene	115071
propylene carbonate	108327

propylene glycol	57556
propylene glycol butyl ether	15821837
propylene glycol butyl ether (2-butoxy-1-propanol)	15821837
propylene glycol monoethyl ether (1-ethoxy-2-propanol)	1569024
propylene glycol monomethyl ether (1-methoxy-2-propanol)	107982
propylene glycol monomethyl ether acetate (1-methoxy-2-propyl acetate)	108656
propylene glycol n-butyl ether	5131668
propylene glycol n-butyl ether (1-butoxy-2-propanol)	5131668
propylene glycol n-propyl ether (1-propoxy-2-propanol)	1569013
propylene glycol phenyl ether (1-phenoxy-2-propanol)	770354
propylene glycol propyl ether	10215302
propylene glycol tiert-butyl ether (1-tert-butoxy-2-propanol)	57018527
ptfe	9002840
p-toluidine	106490
p-xylene	106423
silicone fluid	63148629
siloxanes and silicone, dimethyl	63148629
soybean oil, me ester	67784809
soybean oil, methyl ester	67784809
styrene	100425
t-butyl acetate	540885
t-butyl alcohol	75650
terpenes	68647723
terpenes and terpenoids, sweet orange-oil	68647723
terpenes, orange oil	68647723
terpineol	8000417
terpinolene	586629
tert-butanol	75650
tert-butyl acetate	540885
tert-butyl alcohol (2-methyl-2-propanol)	75650
tetrachloroethylene	127184
tetradecafluorohexane	355420
tetradecamethylhexasiloxane	107528
tetrahydrofuran	109999
tetrahydrofurfuryl alcohol	97994
tetrahydrofurfuryl methacrylate	2455245
tetralin	119642

tetramethylsilane	75763
texanol	25265774
toluene	108883
trans-1,2-dichloroethylene	156605
trans-1,3,3,3-tetrafluoropropene	29118249
trans-1,3,3,3-tetrafluoropropene (hfo-1234ze)	29118249
trans-2,cis-6-nonadienal	557482
trans-3-hexenyl acetate	1708823
triacetin	102761
trichloroethylene	79016
tridecane	629505
triethanolamine	102716
triethylamine	121448
triethylene diamine	280579
triethylene glycol	112276
triethylene glycol divinyl ether	765128
triethylene glycol monobutyl ether	143226
triethylene glycol monoethyl ether	112505
triethylene glycol monomethyl ether	112356
trifluoroethyl methacrylate	352874
trimethoxymethylsilane	1185553
trimethylbenzene, mixed isomers	25551137
tripropylene glycol	24800440
tripropylene glycol methyl ether	25498491
tripropylene glycol monobutyl ether	55934935
tripropylene glycol monomethyl ether	25498491
tripropylene glycol n-butyl ether	55934935
turpentine	8006642
turpentine	9005907
turpentine oil	8006642
undecane	1120214
vinegar	8028522
vinyl acetate	108054
vinyl chloride	75014
vinyl toluene	25013154
water	7732185
witch hazel	68916392
witch hazel	84696195

y-terpinene	99854
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