

Known Additives Contained in One or More Products on the Withdraw List of February 2, 2022

Added Ingredient	On FDA Excipient List (Y/N)	FDA Food Safe (Y/N)	FDA Approved for Inhalation (Y/N) (as of 01/26/2022)	Other Names
(+)-Cedrol	N	Y	N	Cedrol
1,4 Cineole	N	Y	N	
1,8 Cineole	Y	Y	N - dental, nasal, ophthalmic, oral only	
1-octenyl-3 Acetate	N	N	N	
1-P-Menthene-8-Thiol	N	Y	N	Grapefruit Mercaptan
2-Methylthiophene	N	N	N	
2-Methyl-2-Pentenoic Acid	N	Y	N	
2-Methyl Buytric Acid	N	Y	N	
2-Methyl Butyl Acetate	N	N	N	
2-Propionyl Thiazole	N	N	N	
2,3-Diemethylpyrazine	N	Y	N	
2,3-Hexanedione	N	Y	N	
2,6-Dimethyl-5-heptenal	N	Y	N	Melonal
3,7-Dimethyl-1,3,6-Octatriene	N	Y	N	Ocimene
3-Carene	N	Y	N	
3-p-Menthene	N	N	N	
4-Hydroxy-2,5-dimethyl-3(2H)-furanone	N	Y	N	
4-(p-hydroxyphenyl)-2-butanone	N	Y	N	Raspberry Ketone
Acetophenone	N	Y	N	
Aldehyde C-8	N	Y	N	Octanal
Aldehyde C-14	N	Y	N	Undecalactone Gamma
Aldehyde C-16	N	N	N	
Allo-aromadendrene	N	N	N	
Allocimene	N	N	N	
Allyl Caproate	N	Y	N	
Allyl Hexonoate	N	Y	N	Allyl Caproate
Almond Oil Bitter	Y	Y	N - topical only	
Alpha-Amylcinnamaldehyde	N	Y	N	
Alpha Bisabolol	N	Y	N	
Alpha Cedrene	N	N	N	
Alpha Copaene	N	N	N	
Alpha Cubebene	N	N	N	
Alpha Humulene	N	N	N	
Alpha Ionone	N	Y	N	
Alpha Muurolene	N	N	N	
Alpha Phellandrene	N	Y	N	
Alpha Pinene	N	Y	N	
Alpha Pinene Epoxide	N	N	N	
Alpha Pinene Oxide	N	N	N	
Alpha Pinocarveol	N	N	N	
Alpha Thujene	N	N	N	
Alpha Terpinene	N	Y	N	
Alpha Terpineol	Y	Y	N - topical only	
Anisyl Acetone	N	N	N	
B-Bisabolene	N	N	N	
B-Elemene	N	N	N	
Benzaldehyde	Y	Y	N - oral only	
Benzoic Acid	Y	Y	N - buccal, intramuscular, intravenous, irrigation, oral, rectal, topical, vaginal only	
Benzyl Acetate	N	Y	N	
Benzyl Ester	N	Y	N	Benzyl Bromoacetate
Bergamotene	N	N	N	
Bergamot Oil	N	Y	N	

Known Additives Contained in One or More Products on the Withdraw List of February 2, 2022

Added Ingredient	On FDA Excipient List (Y/N)	FDA Food Safe (Y/N)	FDA Approved for Inhalation (Y/N) (as of 01/26/2022)	Other Names
Beta Caryophyllene	N	Y	N	
Beta Citronellene	N	N	N	
Beta-Damascone	N	N	N	
Beta Ionone	N	Y	N	
beta-Myrcene	N	Y	N	Myrcene
Beta Pinene	N	Y	N	
Beta Fenchel	N	N	N	
Beta Fenchol	N	N	N	
Beta Selinene	N	N	N	
Borneol	N	Y	N	D-Camphanol
Bornyl	N	Y	N	
Bornyl Acetate	N	Y	N	
Butyric Acid	N	Y	N	
Cadinene	N	Y	N	
Camphene	N	Y	N	
Camphor	Y	Y	N - nasal, ophthalmic only	
Carvone	N	Y	N	
Caryophyllene	N	Y	N	
Caryophyllene Oxide	N	Y	N	
Cedrol	N	Y	N	
Cembrene A	N	N	N	
Chamomile Flower Oil Roman	N	Y	N	
Cinnamic Acid	N	Y	N	
Cinnamon Bark Oil	N	Y	N	
Cinnamyl Alcohol	N	Y	N	
Cis-3-Hexenol	N	N	N	
Cis-3-hexenyl acetate	N	N	N	
Cis-4-Decenal	N	N	N	
Cis-Beta-Ocimene	N	N	N	
Cis-Beta-Terpineol	N	N	N	
Cis-Caryophyllene	N	N	N	
Cis-Isolimonene	N	N	N	
Cis-Linalool Oxide	N	Y	N	
cis-Nerolidol	N	N	N	
Cis-Ocimene	N	N	N	
Cis-Sabinene Hydrate	N	N	N	
Cis-Verbenol	N	N	N	
Citral	N	Y	N	
Citral Diethyl Acetal	N	Y	N	
Citronellal	N	Y	N	
Citronellol	N	Y	N	
Cubitene	N	N	N	
Cumacrene	N	N	N	
Cuparene	N	N	N	
Cyclofenchene	N	N	N	
D-Camphor	N	Y	N	
D-Limonene	N	Y	N	
Damascenone	N	N	N	
Dehydroaromadendrene	N	N	N	
Delta-Cadinene	N	Y	N	
Delta-3-Carene	N	N	N	
Delta Dodecalactone	N	Y	N	
Delta-Elemene	N	N	N	
Delta-Limonene	N	N	N	
Dihydro Beta-Ionone	N	Y	N	
Dimethyl anthranilate	N	Y	N	Methyl N-Methylantranilate
Dimethyl Disulfide	N	Y	N	
Dimethyl Sulfide	N	N	N	

Known Additives Contained in One or More Products on the Withdraw List of February 2, 2022

Added Ingredient	On FDA Excipient List (Y/N)	FDA Food Safe (Y/N)	FDA Approved for Inhalation (Y/N) (as of 01/26/2022)	Other Names
(E)-beta-Farnesene	N	N	N	
(E)-beta-Ocimene	N	N	N	
(E,E)-Alpha-Farnesene	N	N	N	
(E,E)-Farnesyl Acetate	N	N	N	
Endo-Fenchol	N	N	N	
Epi-Alpha-Bisabolol	N	N	N	
Ethyl Butyrate	Y	Y	N - oral only	
Ethyl Caproate	N	Y	N	Ethyl Hexanoate
Ethyl Cinnamate	N	Y	N	
Ethyl Ester	N	Y	N	
Ethyl Heptanoate	N	Y	N	
Ethyl Hexanoate	N	Y	N	
Ethyl Isobutyrate	N	Y	N	
Ethyl Isovalerate	N	Y	N	
Ethyl Maltol	Y	Y	N - oral only	
Ethyl Propionate	N	Y	N	
Ethyl Vanillin	Y	Y	N - oral only	
Eucalyptol	Y	Y	N - dental, nasal, ophthalmic, oral only	
Eucalyptus Oil	Y	Y	N - oral only	
Eugenol	N	Y	N	
Farnesene	N	Y	N	
Farnesene (t)	N	N	N	
Farnesol	N	Y	N	
Fenchol	N	Y	N	Fenchyl Alcohol
Fenchone	N	N	N	
Fenchyl Alcohol	N	Y	N	
Fir Needle Oil	N	Y	N	
Fraison	N	N	N	
Gamma Decalactone	N	Y	N	
Gamma-Gurjunene	N	N	N	
Gamma-Murolene	N	N	N	
Gamma Octalactone	N	N	N	
Gamma-Terpinene	N	Y	N	
Gamma-Terpineol	N	N	N	
Geranial	N	N	N	
Geraniol	N	Y	N	
Geranyl Acetate	N	Y	N	
Germacrene D	N	N	N	
Ginger Root Oil	N	Y	N	
Grapefruit Mercaptan	N	Y	N	1-P-Menthene-8-Thiol
Grapefruit Oil	N	Y	N	
Guaiene	N	Y	N	
Guaiol	N	N	N	
Guavanate	N	N	N	
Hashishene	N	N	N	
Heliotropin	N	Y	N	Piperonal
Hexanal	N	Y	N	
Hexen-2-al	N	Y	N	2-Hexenal
Hexyl Acetate	N	Y	N	
Hexyl Butyrate	N	Y	N	
Hop Oil	N	Y	N	
Humulene	N	N	N	
Humulene Epoxide II	N	N	N	
Isoborneol	N	Y	N	
Isoamyl Acetate	N	Y	N	
Isobutyl Alcohol	N	Y	N	
Isocaryophyllene	N	N	N	
Isomenthone	N	Y	N	DL-IsoMenthone

Known Additives Contained in One or More Products on the Withdraw List of February 2, 2022

Added Ingredient	On FDA Excipient List (Y/N)	FDA Food Safe (Y/N)	FDA Approved for Inhalation (Y/N) (as of 01/26/2022)	Other Names
Isopulegol	N	Y	N	
Italicene Epoxide	N	N	N	
Juniperberry Oil	N	Y	N	
L-Limonene	N	Y	N	
L-Menthol	N	N	N	
Lavandulyl Acetate	N	N	N	
Lavendar Oil	N	Y	N	
Lemon Oil	Y	Y	N - dental, oral, topical only	
Lemon Terpenes	N	Y	N	
Lemon Oil Terpenes	N	N	N	
Lime Oil	Y	Y	N - oral, sublingual only	
Lime Oil Terpenes	N	N	N	
Lime Terpenes	N	N	N	
Limonene	Y	Y	N - oral, topical only	
Linalool	N	Y	N	
Linalool Oxide	N	Y	N	
Linalyl Acetate	N	Y	N	
Maltol	Y	Y	N - oral only	
Mandarin Oil	N	Y	N	
Maltyl Isobutyrate	N	Y	N	
Medium Chain Triglycerides	N	Y	N	
Melonal	N	Y	N	2,6-Dimethyl-5-Heptenal
Menthone	N	Y	N	
Methy-2-Octynoate	N	N	N	
Methyl Acetate	N	Y	N	
Methyl Anthranilate	N	Y	N	
Methyl Cinnamate	N	Y	N	
Methyl Cis-5 Octenoate	N	Y	N	
Methyl Cyclopentenolone	N	Y	N	
Methyl Heptadienone	N	Y	N	6-METHYL-3,5-HEPTADIEN-2-ONE
Methyl Salicylate	Y	Y	N - dental, oral, topical, vaginal only	
Myrcene	N	Y	N	Beta-Myrcene
Myrtenal	N	Y	N	
Neo-Allo-Ocimene	N	N	N	
Neomenthol	N	Y	N	D-Neomenthol
Nerol	N	Y	N	
Nerolidol	N	Y	N	
Nootkatone	N	Y	N	
Ocimene	N	Y	N	
Oct-2-En-4-One	N	N	N	
Octanal	N	Y	N	
Orange Oil	Y	Y	N - Oral, sublingual only	
Orange Peel Oil Distilled	N	Y	N	
Orange Sweet Oil	N	Y	N	
Orange Terpenes	N	N	N	
P-Cymene	N	Y	N	
P-mentha-1, 4-diene	N	Y	N	Gamma Terpinene
P-Mentha-3,8-diene	N	Y	N	4,5,6,7-TETRAHYDRO-3,6-DIMETHYLBENZO FURAN
Para-Cymen-8-ol	N	N	N	
Para-Cymene	N	Y	N	

Known Additives Contained in One or More Products on the Withdraw List of February 2, 2022

Added Ingredient	On FDA Excipient List (Y/N)	FDA Food Safe (Y/N)	FDA Approved for Inhalation (Y/N) (as of 01/26/2022)	Other Names
Passifloran	N	N	N	
Pepper Oil	N	Y	N	
Peppermint Oil	Y	Y	N - Buccal, dental, oral, sublingual, topical only	
Pine Needle Oil	Y	Y	N - topical only	
Pinocarvone	N	N	N	
Phytol	N	Y	N	
Prenyl Mercaptan	N	Y	N	Prenylthiol
Propyl Caproate	N	Y	N	Propyl Hexanoate
Pseudolimonene	N	N	N	
(R)-(+)-Limonene	Y	Y	N - oral, topical only	Limonene
Raspberry Ketone	N	Y	N	4-(p-hydroxyphenyl)-2-butanone
Rhodinol	N	Y	N	
Sabinene	N	N	N	
Sabinene Hydrate	N	Y	N	4-Thujanol
Sage Oil	N	Y	N	
Santene	N	N	N	
Sativene	N	N	N	
Squalene	N	N	N	
Strawberry Furanone	N	N	N	
Tagette Oil	N	Y	N	
Terpinen-1-ol	N	Y	N	
Terpinen-4-ol	N	Y	N	4-Carvomenthenol
Terpineol	N	Y	N	
Terpinolene	N	Y	N	
Thujopsene	N	N	N	
Totarene	N	N	N	
Trans-Alpha-Bergamotene	N	N	N	
Trans-Beta-Terpineol	N	N	N	
Trans-Cadina-1(6),4-diene	N	N	N	
Trans-Calamenene	N	N	N	
Trans-Isolimonene	N	N	N	
Trans-Limonene Oxide	N	N	N	
trans-Nerolidol	N	N	N	
Trans-Ocimene	N	Y	N	
Trans-Verbenol	N	Y	N	
Triacetin	Y	Y	N - oral, transdermal only	
Tricyclene	N	N	N	
Undecalactone Gamma	N	Y	N	
USP	N	N	N	
Vanillin	N	Y	N	
Valencene	N	Y	N	
Xi-Fenchene	N	N	N	
Ylang Ylang Oil	N	Y	N	