



IFRA 48 INFORMATION SHEET

Product name: Geranium Egypt Oil

This material complies with the most current IFRA Guidelines? (IFRA 48)

According to the IFRA 48th amendment, please complete the tables below: Yes No

EU Fragrance Allergens

Ingredient Name	CAS number	% Total
alpha-Amyl Cinnamic Aldehyde	122-40-7	Non
alpha-Amyl Cinnamic Alcohol	101-85-9	Non
Anisyl Alcohol	105-13-5 1331-81-3	Non
Benzyl Alcohol	100-51-6	Non
Benzyl Benzoate	120-51-4	Non
Benzyl Cinnamate	103-41-3	Non
Benzyl Salicylate	118-58-1	Non
Cinnamic Alcohol	104-54-1	Non
Cinnamic Aldehyde	104-55-2	Non
Citral (mixture of neral + geranial)	5392-40-5	1%
Citronellol	106-22-9	34%
Coumarin	91-64-5	Non
Eugenol	97-53-0	Non
Farnesol	4602-84-0	Non
gamma-Methyl Ionone	127-51-5	Non
Geraniol	106-24-1	14%
Hexyl Cinnamic Aldehyde	101-86-0	Non
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4 51414-25-6	Non
Hydroxycitronellal	107-75-5	Non
Iso Eugenol	97-54-1	Non
Butylphenyl Methylpropional	80-54-6	Non
Limonene	5989-27-5 138-86-3 5989-54-8	traces
Linalool	78-70-6	6.00%
Methyl Heptine Carbonate	111-12-6	Non
Oakmoss	68917-10-2 90028-68-5	Non
Treemoss	68648-41-9 90028-67-4	Non

IFRA 48th Amendment restricted substances

Ingredient Name	CAS number	% Total
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene (Trimofix O, Fixamber)	144020-22-4 28371-99-5	Non
5-Acetyl-1,1,2,3,3,6-hexamethyl indan (AHMI)	15323-35-0	Non
Acetylated Vetiver oil	117-98-6 62563-80-8 68917-34-0 73246-97-6 84082-84-8	Non
Allyl phenoxyacetate	7493-74-5	Non
Angelica root oil	8015-64-3	Non
Benzaldehyde	100-52-7	Non
Bergamot oil expressed	8007-75-8	Non
Bitter orange peel oil expressed	68916-04-1 72968-50-4	Non
α -Butylcinnamaldehyde	7492-44-6	Non
p-tert-Butyldihydrocinnamaldehyde (Bourgeonal)	18127-01-0	Non
Carvone	99-49-0	Non
d-Carvone	2244-16-8	Non
l-Carvone	6485-40-1	Non
Cinnamic aldehyde dimethyl acetal	4364-06-1	Non
Cinnamyl nitrile	1885-38-7 4360-47-8	Non
Citrus oils and other furocoumarins containing essential oils (Bergapten)	-	Non
Cuminaldehyde	122-03-2	Non
Cumin oil	8014-13-9	Non
Cyclamen aldehyde	103-95-7	Non
Cyclopentadecanolide	106-02-5	Non
Dibenzyl ether	103-50-4	Non
Dihydrocoumarin	119-84-6	Non
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)- indanone (DPMI, Cashmeran)	33704-61-9	Non
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	68737-61-1 68039-49-6 68039-48-5 27939-60-2 67801-65-4 36635-35-5 68084-52-6 35145-02-9	Non
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	Non
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4	Non
2-Ethoxy-4-methylphenol	2563-07-7	Non
p-Ethylbenzaldehyde	4748-78-1	Non
Estragole	140-67-0	Non
Furfural	98-01-1	Non
Grapefruit oil expressed	8016-20-4	Non
2-Heptylidene cyclopentan-1-one	39189-74-7	Non
trans-2-Hexenal	6728-26-3	Non

Ingredient Name	CAS number	% Total
α -Hexylidene cyclopentanone	17373-89-6	Non
Hexyl salicylate	6259-76-3	Non
p-Isobutyl- α -methyl hydrocinnamaldehyde	6658-48-6	Non
Isocyclocitral	1335-66-6 1423-46-7 67634-07-5	Non
Isocyclogeraniol	68527-77-5	Non
Jasmine absolute (grandiflorum)	8022-96-6 8024-43-9 90045-94-6 84776-64-7	Non
Jasmine absolute (sambac)	91770-14-8	Non
Lemon oil cold pressed	8008-56-8	Non
Lime oil expressed	8008-26-2	Non
Melissa oil (genuine Melissa officinalis L.)	8014-71-9 84082-61-1	Non
p-Mentha-1,8-dien-7-al (Perilla aldehyde)	2111-75-3	13 - 23%
Menthadiene-7-methyl formate	68683-20-5	Non
p-Methoxybenzaldehyde	123-11-5	Non
o-Methoxycinnamaldehyde	1504-74-1	Non
Methoxy dicyclopentadiene carboxaldehyde (Scentenal)	86803-90-9	Non
4-Methoxy- α -methylbenzenepropanal	5462-06-6	Non
2-Methoxy-4-methylphenol	93-51-6	Non
3-(m-tert-Butylphenyl)-2- methylpropionaldehyde (m-BMHCA)	62518-65-4	Non
α -Methyl-1,3-benzodioxole-5-propionaldehyde (MMDHCA)	1205-17-0	Non
α -Methyl cinnamic aldehyde	101-39-3	Non
Methyl eugenol	93-15-2	Non
6-Methyl-3,5-heptadien-2-one (methyl heptadienone)	1604-28-0	Non
Methyl ionone, mixed isomers	1335-46-2 127-42-4 127-43-5 127-51-5 7779-30-8 79-89-0	Non
Methyl N-methylantranilate	85-91-6	Non
Methyl octine carbonate	111-80-8	Non
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	68922-13-4	Non
Methyl β -naphthyl ketone	93-08-3	Non
2-Nonyn-1-al dimethyl acetal	13257-44-8	Non
OTNE (1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone)	54464-57-2	Non
1-Octen-3-yl acetate	2442-10-6	Non
Opoponax (all forms)	8021-36-1 9000-78-6 93384-32-8	Non
Peru balsam extracts and distillates	8007-00-9	Non
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one	13144-88-2	Non
Phenylacetaldehyde	122-78-1	Non

Ingredient Name	CAS number	% Total
3-Phenylbutanal	16251-77-7	Non
2-Phenylpropionaldehyde	93-53-8	Non
3-Propylideneophthalide	17369-59-4	Non
Rose ketones	23696-85-7 23726-93-4 43052-87-5 24720-09-0 23726-94-5 23726-92-3 23726-91-2 57378-68-4 71048-82-3 39872-57-6 70266-48-7 33673-71-1 35087-49-1 35044-68-9	Non
Styrax (distillates)	94891-27-7 94981-28-8	Non
Teal leaf absolute	84650-60-2	Non
o,m,p-Tolualdehydes and their mixtures	529-20-4 620-23-5 104-87-0 1334-78-7	Non
2,6,6-Trimethylcyclohex-1,3-dienyl methanal	116-26-7	Non
Rue oil	8014-29-7	Non
Tagetes oil and absolute	91722-29-1 8016-84-0	Non
Verbena absolute (Lippia citriodora Kunth.)	8024-12-2 85116-63-8	Non
Ylang ylang extracts	8006-81-3 68606-83-7 83863-30-3	Non

IFRA 48th Amendment specified substances

Ingredient Name	CAS number	% Total
Allyl Esters	N/A	Non
Allyl phenoxyacetate	7493-74-5	Non
Birch wood pyrolysate	8001-88-5 84012-15-7 85940-29-0 68917-50-0	Non
Cade oil (Juniperus oxycedrus L.)	8013-10-3 90046-02-9	Non
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4	Non
Musk ketone	81-14-1	Non
Nootkatone	4674-50-4	Non

Ingredient Name	CAS number	% Total
Pinacea derivatives		Non
Sclareol	515-03-7	Non

IFRA 48th Amendment prohibited substances

Ingredient Name	CAS number	% Total
Acetyl ethyl tetramethyl tetralin (AETT, Versalide)	88-29-9	Non
Acetyl isovaleryl (5-Methyl-2,3-hexanedione)	13706-86-0	Non
Alantroot oil (Elecampane oil)	97676-35-2	Non
Allyl heptine carbonate	73157-43-4	Non
Allyl isothiocyanate	57-06-7	Non
Amylcyclopentenone	25564-22-1	Non
Anisylidene acetone (4-(p-methoxyphenyl)-3-butene-2-one)	943-88-4	Non
cis-and trans-Asarone ((E)-and(Z)-2,4,5-Trimethoxypropen-1-yl benzene)	2883-98-9 5273-86-9	Non
Benzene	71-43-2	Non
Benzyl cyanide	140-29-4	Non
Benzylidene acetone (4-Phenyl-3-buten-2-one)	122-57-6	Non
Birch wood pyrolysate (Crude)	8001-88-5 84012-15-7 85940-29-0 68917-50-0	Non
Boldo oil	8022-81-9	Non
3-Bromo-1,7,7-trimethylbicyclo[2.2.1]heptane-2-one	76-29-9	Non
Bromostyrene	103-64-0	Non
p-tert-Butylphenol	98-54-4	Non
Cade oil - Juniperus oxycedrus L. (Crude)	8013-10-3 90046-02-9	Non
Carvone oxide	33204-74-9	Non
Chenopodium oil	8006-99-3	Non
Cinnamylidene acetone	4173-44-8	Non
Colophony	8050-09-7	Non
Costus root oil, absolute and concrete	8023-88-9	Non
Cyclamen alcohol (3-(4-Isopropylphenyl)-2-methylpropanol)	4756-19-8	Non
1,3-Dibromo-2-methoxy-4-nitro-5-(1,1-dimethylethyl)-6-methyl-benzene (Musk alpha)	63697-53-0	Non
1,3-Dibromo-2-methoxy-4-methyl-5-nitrobenzene (Musk KS)	62265-99-0	Non
2,2-Dichloro-1-methylcyclopropylbenzene	3591-42-2	Non

Ingredient Name	CAS number	% Total
2,4-Dienals	764-40-9 142-83-6 80466-34-8 5910-85-0 30361-28-5 6750-03-4 2363-88-4 13162-46-4 21662-16-8 25152-84-5 30361-29-6 4313-03-5	Non
Diethyl maleate	141-05-9	Non
2,4-Dihydroxy-3-methylbenzaldehyde	6248-20-0	Non
4,6-Dimethyl-8-tert-butylcoumarin (Butolia)	17874-34-9	Non
3,7-Dimethyl-2-octen-1-ol	40607-48-5	Non
Dimethyl citraconate	617-54-9	Non
Diphenylamine	122-39-4	Non
2,4-Dodecadien-1-ol, (2E, 4E)	18485-38-6	Non
Esters of 2-octynoic acid (Except Methyl heptine carbonate which is IFRA Restricted)	10484-32-9 10519-20-7	Non
Esters of 2-nonynoic acid, (Except Methyl octine carbonate)	10031-92-2	Non
Ethyl acrylate	140-88-5	Non
Ethylene glycol monoethyl ether and its Acetate	110-80-5 111-15-9 (acetate)	Non
Ethylene glycol monomethyl Ether and its Acetate	109-86-4 110-49-6 (acetate)	Non
Fig leaf absolute	68916-52-9	Non
Furfuryl alcohol	98-00-0	Non
Furfurylidene acetone	623-15-4	Non
Geranyl nitrile	5146-66-7 5585-39-7 31983-27-4	Non
trans-2-Heptenal	18829-55-5	Non
2,4-Hexadien-1-ol	111-28-4 17102-64-6	Non
Hexahydrocoumarin	700-82-3	Non
trans-2-Hexenal diethyl acetal	67746-30-9	Non
trans-2-Hexenal dimethyl acetal	18318-83-7	Non
Hydroabietyl alcohol, dihydroabietyl alcohol	13393-93-6 26266-77-3 1333-89-7	Non
Hydroquinone monoethyl ether (4-ethoxy-Phenol)	622-62-8	Non
Hydroquinone monomethyl ether (4-methoxy-Phenol)	150-76-5	Non
Isophorone	78-59-1	Non
6-Isopropyl-2-decalol (Decatol)	34131-99-2	Non
Massoia bark oil	85085-26-3	Non

Ingredient Name	CAS number	% Total
Massoia lactone	54814-64-1 51154-96-2	Non
7-Methoxycoumarin	531-59-9	Non
alpha-Methyl anisylidene acetone (1-(4-Methoxyphenyl)-1-penten-3-one)	104-27-8	Non
6-Methylcoumarin (Toncarine)	92-48-8	Non
7-Methylcoumarin	2445-83-2	Non
Methyl crotonate	623-43-8	Non
4-Methyl-7-ethoxycoumarin (Maraniol)	87-05-8	Non
p-Methylhydrocinnamic aldehyde	5406-12-2	Non
Methyl methacrylate	80-62-6	Non
3-Methyl-2(3)-nonenenitrile (Citgrenile)	53153-66-5	Non
Moskene (1,1,3,3,5-Pentamethyl-4,6-dinitroindane)	116-66-5	Non
Musk ambrette	83-66-9	Non
Musk tibetene (1-tert-Butyl-2,6-dinitro-3,4,5-trimethylbenzene)	145-39-1	Non
Musk Xylene	81-15-2	Non
Nitrobenzene	98-95-3	Non
2-Pentylidene cyclohexanone	25677-40-1	Non
Peru balsam crude	8007-00-9	Non
Phenyl acetone (Methyl benzyl ketone)	103-79-7	Non
Phenyl benzoate	93-99-2	Non
Pseudoionone (2,6-Dimethylundeca-2,6,8-trien-10-one)	141-10-6	Non
Pseudo Methylionones	26651-96-7 72968-25-3 1117-41-5	Non
Quinoline	91-22-5	Non
Safrole, Isosafrole, Dihydrosafrole	94-59-7	Non
Santolina oil	84961-58-0	Non
Savin oil (Juniperus Sabina L.)	8024-00-8	Non
Styrax (Crude)	8024-01-9 8046-19-3	Non
Toluene	108-88-3	Non
Verbena oil	8024-12-2	Non