



De Hekserij

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Sporstraat 57
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The Netherlands

23165 - Lime Leaves (IFF)

1Doc: All available data that is not in the SDS and that is not batch specific.
Version 1 | 2026-02-19

Identity

Product : Lime Leaves (IFF)
Code : 23165
INCI name : PARFUM
EC number : Mixture
CAS number EU : Mixture
CAS number TSCA : Mixture
UFI : OPEH-GRNJ-C42C-2X5G

Customs information

HS code : 3302 9090
Country of origin : Batch specific

Identity check

Appearance at RT : Clear liquid
Colour : Pale yellow to green
Odour : Citrus, Green
Refractive index (20°C) : 1,4530 - 1,4630
Specific gravity (20°C) : 0,920 - 0,930

Additives

Antioxidants : BHT : 0,053 %
ALPHA-TOCOPHEROL : 0,006 %
METHYLOX 6386-38-5 : 0,0025 %
TBHQ 1948-33-0 : 0,0014 %
Chelators : None
Solvents : None

Impurities

As : < 3 ppm
Pb : < 10 ppm
Cd : < 1 ppm
Hg : < 1 ppm

Production / origin

Mixing of fragrance raw materials of natural and synthetic origin.

Physicochemical specification

Solubility in water : Insoluble
 Vapour pressure : 13,3 Pa

Use and storage

Suitable in fragrance compositions for cosmetics, cleaning products and other fragranced products.
 We do not sell products for use in oral care products, food, feed, tobacco, e-smoking or pharmaceuticals.
 Keep dark and dry in a closed container. Hazardous (REACH/CLP), SDS available on request.

Allergens, EU Cosmetics Regulation

This product contains the following fragrance allergens as specified in the EU Cosmetics Regulation:
 Fragrance ingredients restricted as potential allergens in the extended list amending ANNEX III of EUROPEAN COSMETIC
 REGULATION (EC) No1223/2009

*Total % in Perfume Compound determined by calculation (Direct add and Indirect from naturals/synthetics)

Ingredient Name	Cas Number(s)	%*
3-PROPYLIDENEPHTHALIDE	: 17369-59-4	: -
6-METHYL COUMARIN	: 92-48-8	: -
ACETYLCEDRENE	: 32388-55-9	: -
ALPHA-ISOMETHYL IONONE	: 127-51-5	: -
ALPHA-TERPINENE	: 99-86-5	: 0.065
AMYL CINNAMAL	: 122-40-7	: -
AMYL SALICYLATE	: 2050-08-0	: -
AMYL CINNAMYL ALCOHOL	: 101-85-9	: -
ANETHOLE	: 104-46-1 4180-23-8	: -
ANISE ALCOHOL	: 105-13-5	: -
BENZALDEHYDE	: 100-52-7	: -
BENZYL ALCOHOL	: 100-51-6	: 0.002
BENZYL BENZOATE	: 120-51-4	: -
BENZYL CINNAMATE	: 103-41-3	: -
BENZYL SALICYLATE	: 118-58-1	: -
BETA-CARYOPHYLLENE	: 87-44-5	: 0.004
CAMPHOR	: 76-22-2 21368-68-3 464-49-3 464-48-2	: 0.002
CANANGA ODORATA FLOWER EXTRACTS	: 83863-30-3 8006-81-3 68606-83-7 93686-30-7	: -
CARVONE	: 99-49-0 6485-40-1 2244-16-8	: 1.004
CEDRUS ATLANTICA BARK/LEAF/WOOD EXTRACTS	: 8023-85-6 92201-55-3	: -
CINNAMAL	: 104-55-2	: 0.002
CINNAMOMUM CASSIA LEAF OIL	: 8007-80-5 84961-46-6	: -
CINNAMOMUM ZEYLANICUM BARK OIL	: 8015-91-6 84649-98-9	: -
CINNAMYL ALCOHOL	: 104-54-1	: -
CITRAL	: 5392-40-5 141-27-5 106-26-3	: -
CITRONELLOL	: 106-22-9 26489-01-0 1117-61-9 7540-51-4	: 0.017
CITRUS AURANTIUM BERGAMIA PEEL OIL	: 8007-75-8 89957-91-5 68648-33-9 85049-52-1	: -
CITRUS AURANTIUM FLOWER OIL	: 72968-50-4 8028-48-6 8016-38-4	: -
CITRUS AURANTIUM PEEL OIL	: 68916-04-01 72968-50-4 97766-30-8 8028-48-6 8008-57-9	: 0.700
CITRUS LIMON PEEL OIL	: 84929-31-7 8008-56-8	: -
COUMARIN	: 91-64-5	: -
DIMETHYL PHENYL ACETATE	: 151-05-3	: -
EUCALYPTUS GLOBULUS OIL	: 97926-40-4 8000-48-4	: -

EUGENIA CARYOPHYLLUS OIL	:	8000-34-8	8015-97-2	84961-50-2	:	-
EUGENOL	:	97-53-0			:	0.200
EUGENYL ACETATE	:	93-28-7			:	-
EVERNIA FURFURACEA (TREEMOSS) EXTRACT	:	90028-67-4			:	-
EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	:	90028-68-5			:	-
FARNESOL	:	4602-84-0			:	-
GERANIOL	:	106-24-1			:	0.011
GERANYL ACETATE	:	105-87-3			:	0.551
HEXADECANOLACTONE	:	109-29-5			:	-
HEXAMETHYLINDANOPYRAN (GALAXOLIDE)	:	1222-05-5			:	-
HEXYL CINNAMAL	:	101-86-0			:	-
HYDROXYCITRONELLAL	:	107-75-5			:	-
ISOEUGENOL	:	97-54-1	5932-68-3	5912-86-7	:	0.002
ISOEUGENYL ACETATE	:	93-29-8			:	-
JASMINE OIL/EXTRACT (GRANDIFLORUM / OFFICINALE)	:	84776-64-7	90045-94-6 8024-43-9	8022-96-6	:	-
JUNIPERUS VIRGINIANA OIL	:	8000-27-9	85085-41-2		:	-
LAURUS NOBILIS LEAF OIL	:	8002-41-3	8007-48-5	84603-73-6	:	-
LAVANDULA OIL/ EXTRACT	:	91722-69-9 93455-97-1 8000-28-0	8022-15-9 92623-76-2 90063-37-9	93455-96-0 84776-65-8	:	-
LEMONGRASS OIL	:	8007-02-1	89998-16-3	91844-92-7	:	-
LIMONENE	:	138-86-3	7705-14-8 5989-54-8	5989-27-5	:	1.177
LINALOOL	:	78-70-6			:	0.084
LINALYL ACETATE	:	115-95-7			:	0.006
LIPPIA CITRIODORA ABSOLUTE (VERBENA ABSOLUTE)	:	8024-12-2	85116-63-8		:	-
MENTHA PIPERITA OIL	:	8006-90-4	84082-70-2		:	-
MENTHA VIRIDIS LEAF OIL	:	8008-79-5	84696-51-5		:	-
MENTHOL	:	89-78-1	1490-04-6 15356-60-2	2216-51-5	:	-
METHYL 2-OCTYNOATE	:	111-12-6			:	-
METHYL SALICYLATE	:	119-36-8			:	-
MYROXYLON PEREIRAE OIL/ EXTRACT (PERU BALSAM)	:	8007-00-9			:	-
NARCISSUS EXTRACT	:	90064-26-9	68917-12-4 90064-25-8	90064-27-0	:	-
PELARGONIUM GRAVEOLENS FLOWER OIL	:	90082-51-2	8000-46-2		:	-
PINENE	:	80-56-8 18172-67-3	7785-70-8	127-91-3	:	0.386
PINUS MUGO	:	90082-72-7			:	-
PINUS PUMILA	:	97676-05-6			:	-
POGOSTEMON CABLIN OIL	:	8014-09-3	84238-39-1		:	-
ROSE FLOWER OIL/EXTRACT	:	8007-01-0 84696-47-9	90106-38-0 84604-12-6 92347-25-6	93334-48-6 84604-13-7	:	-
ROSE KETONES	:	43052-87-5 23696-85-7 23726-92-3	23726-94-5 57378-68-4 23726-91-2	24720-09-0 71048-82-3	:	-
SALICYLALDEHYDE	:	90-02-8			:	-
SANTALOL	:	11031-45-1	115-71-9	77-42-9	:	-
SANTALUM ALBUM OIL	:	8006-87-9	84787-70-2		:	-
SCLAREOL	:	515-03-7			:	-
TERPINEOL	:	8000-41-7	98-55-5 586-81-2	138-87-4	:	1.348
TERPINOLENE	:	586-62-9			:	0.038
TETRAMETHYLACETYLOCTAHYDRO NAPHTHALENES (OTNE)	:	54464-57-2	54464-59-4 68155-67-9	68155-66-8	:	-

TRIMETHYLBENZENEPROPANOL	:	103694-68-4	:	-
TRIMETHYLCYCLOPENTENE METHYL PENTENOL	:	67801-20-1	:	-
TURPENTINE	:	9005-90-7	8006-64-2	8052-14-0
VANILLIN	:	121-33-5	:	-

These values are the typical maximum values, in rare cases these values can be higher.

This product contains the following additional ingredients that are listed in annex II - VI of the Cosmetic regulation (EC) No 1223/2009:

METHYL EUGENOL	:	0,003 %	III / 102
METHYL ALCOHOL	:	0,002 %	III / 52
TOLUENE	:	0,002 %	III / 185
PERILLALDEHYDE	:	<0,001 %	III / 169

IFRA QRE

According to the IFRA standard (51th Amendment) this product is restricted in use. The following limits apply (calculated for the finished product):

IFRA Class	Maximum use level
1 Products applied to the lips.	: 0,0 %
2 Products applied to the axillae.	: 3,197 %
3 Products applied to the face/body using fingertips.	: 0,52 %
4 Products related to fine fragrances.	: 9,792 %
5A Products applied to the body using the hands (palms), primarily leave-on (Body lotion).	: 6,595 %
5B Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer).	: 1,019 %
5C Products applied to the hands using the hands (palms), primarily leave-on (Hand cream).	: 1,998 %
5D Products applied to babies using the hands (palms), primarily leave-on (Baby cream, oil, talc).	: 0,34 %
6 Products with oral and lip exposure.	: 0,0 %
7A Rinse-off products applied to the hair with some hand contact.	: 1,539 %
7B Leave-on products applied to the hair with some hand contact.	: 1,539 %
8 Products with significant anogenital exposure (tampon).	: 0,34 %
9 Products with body and hand exposure, primarily rinse off.	: 17,928 %
10A Household products.	: 16,4 %
10B Household care products with mostly hand contact (household aerosol/spray products).	: 42,829 %
11A Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure.	: 0,34 %
11B Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure.	: 0,34 %
12 Other air care products not intended for direct skin contact, minimal or insignificant transfer to skin.	: 100 %

Please note that we advise using lower amounts of this material in specific cases. This can be based on the fact that certain applications should only contain a small amount of fragrance anyway, independent of the risks of the material itself.

IFRA - Limitations

This product contains the following substances that are listed in the IFRA standards (51th Amendment):

Toluene	: 0.002 %	Prohibited
Estragole	: 0.003 %	Restricted
Isoeugenol	: 0.002 %	Restricted
Bitter orange peel oil expressed	: 0.7 %	Restricted
Carvone	: 1.004 %	Restricted
Citronellol	: 0.017 %	Restricted
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	: 0.498 %	Restricted
Isocyclocitral	: 0.3 %	Restricted
Citronellal	: 5.004 %	Restricted
Citronellyl acetate	: 2.5 %	Restricted
Benzyl alcohol	: 0.002 %	Restricted
alpha-Methyl cinnamic aldehyde	: 0.699 %	Restricted
Cinnamic aldehyde	: 0.002 %	Restricted
Geraniol	: 0.011 %	Restricted
3-Phenylbutanal	: 0.3 %	Restricted
Methyl eugenol	: 0.003 %	Restricted
Eugenol	: 0.2 %	Restricted
2-Methoxy-4-propylphenol	: 0.3 %	Restricted

Natural

This product contains natural aromatic raw materials according to ISO 9235, besides synthetics.

This product does not contain animal derived products, and can therefore be considered vegan.

Natural Index (acc. to ISO 16128) NI= 0,09

Natural Origin Index (acc. to ISO 16128) NOI= 0,38

Organic Index (acc. to ISO 16128) OI= 0

Animal testing

This raw material is in compliance with article 18 of the Cosmetics regulation (EC) No 1223/2009.

Disclaimer

All information in this document is to our best knowledge at the time of preparation, provided in good faith and believed to be accurate. It still may contain errors and may be incomplete.