De Hekserij

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Spoorstraat 57
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The Netherlands

20118 - EO Citronella Java

1Doc: All available data that is not in the SDS and that is not batch specific.
Version 1 | 2026-06-22

Identity

Product	:	Essential oil Citronella Java [Etherische olie Citronella Java]
Code	:	20118
INCI name	:	CYMBOPOGON WINTERIANUS LEAF OIL
EC number	:	294-954-7
CAS number EU	:	91771-61-8
CAS number TSCA	:	8000-29-1
FEMA number	:	2308

Customs information

HS code	:	3301 2941
Country of origin	:	Indonesia

Identity check

Appearance at RT	:	Limpid mobile liquid
Colour	:	Light yellow
Odour	:	Citrus, Lemon, Herbal
Refractive index (20°C)	:	1,4660 - 1,4750
Specific gravity (20°C)	:	0,8800 - 0,8970

Additives

Antioxidants	:	None
Chelators	:	None
Solvents	:	None

Production / origin

Distillation of the leaf of *Cymbopogon winterianus Jowitt*.

Composition

Citronellal	:	26 - 45 %	GC(area%)
Geranyl acetate	:	< 8,0 %	GC(area%)
Citronellol	:	7 - 18 %	GC(area%)
Geraniol	:	16 - 30 %	GC(area%)
Elemol	:	< 8,0 %	GC(area%)

Physiochemical specification

Melting point	:	< -20 °C
Boiling point	:	215 °C

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 pharmaceutics.
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			**0,007**
AMYL CINNAMAL	122-40-7			-
AMYL SALICYLATE	2050-08-0			-
AMYLCINNAMYL ALCOHOL	101-85-9			-
ANETHOLE	104-46-1	4180-23-8		-
ANISE ALCOHOL	105-13-5			-
BENZALDEHYDE	100-52-7			**0,002**
BENZYL ALCOHOL	100-51-6			-
BENZYL BENZOATE	120-51-4			-
BENZYL CINNAMATE	103-41-3			-
BENZYL SALICYLATE	118-58-1			-
BETA-CARYOPHYLLENE	87-44-5			**0,877**
CAMPHOR	76-22-2	21368-68-3 464-48-2	464-49-3	-
CANANGA ODORATA FLOWER EXTRACTS	83863-30-3	8006-81-3 93686-30-7	68606-83-7	-
CARVONE	99-49-0	6485-40-1	2244-16-8	-
CEDRUS ATLANTICA BARK/LEAF/WOOD EXTRACTS	8023-85-6	92201-55-3		-
CINNAMAL	104-55-2			-
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	**1,409**
CITRONELLOL	106-22-9	26489-01-0 7540-51-4	1117-61-9	**11,341**
CITRUS AURANTIUM BERGAMIA PEEL OIL	8007-75-8	89957-91-5 85049-52-1	68648-33-9	-
CITRUS AURANTIUM FLOWER OIL	72968-50-4	8028-48-6	8016-38-4	-
CITRUS AURANTIUM PEEL OIL	68916-04-1 8028-48-6	72968-50-4 8008-57-9	97766-30-8	-
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			**0,827**

EUGENYL ACETATE	:	93-28-7			: -
EVERNIA FURFURACEA (TREEMOSS) EXTRACT	:	90028-67-4			: -
EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	:	90028-68-5			: -
FARNESOL	:	4602-84-0			: **0,034**
GERANIOL	:	106-24-1			: **23,551**
GERANYL ACETATE	:	105-87-3			: **3,885**
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	: **0,030**
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	: **3,708**
LINALOOL	:	78-70-6			: **0,824**
LINALYL ACETATE	:	115-95-7			: **0,004**
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	: **0,119**
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	: **0,001**
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	: **0,220**
TERPINOLENE	:	586-62-9			: **0,085**
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			: **0,006**

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:

2-Hexenal 6728-26	: 0,007 %	III / 166
Methyl eugenol 93-15-2	: 0,063 %	III / 102

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.	: 0.398 %
3	Products applied to the face/body using fingertips.	: 0.065 %
4	Products related to fine fragrances.	: 1.22 %
5A	Products applied to the body using the hands (palms), primarily leave-on (Body lotion).	: 0.822 %
5B	Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer).	: 0.127 %
5C	Products applied to the hands using the hands (palms), primarily leave-on (Hand cream).	: 0.249 %
5D	Products applied to babies using the hands (palms), primarily leave-on (Baby cream, oil, talc).	: 0.042 %
6	Products with oral and lip exposure.	: 0,0 %
7A	Rinse-off products applied to the hair with some hand contact.	: 0.192 %
7B	Leave-on products applied to the hair with some hand contact.	: 0.192 %
8	Products with significant anogenital exposure (tampon).	: 0.042 %
9	Products with body and hand exposure, primarily rinse off.	: 2.698 %
10A	Household products.	: 0.984 %
10B	Household care products with mostly hand contact (household aerosol/spray products).	: 3.333 %
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure.	: 0.042 %
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure.	: 0.042 %
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 ampount 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):

Citronellal 106-23-0	40,162 %	Restricted
Geraniol 106-24-1	23,551 %	Restricted

Citronellol 106-22-9	11,341 %	Restricted
Citronellyl acetate 150-84-5	1,985 %	Restricted
Citral 5392-40-5	1,409 %	Restricted
Eugenol 97-53-0	0,827 %	Restricted
Methyl eugenol 93-15-2	0,063 %	Restricted
Farnesol 4602-84-0	: 0,034 %	Restricted
Isoeugenol 97-54-1	: 0,030 %	Restricted
2-Hexenal 6728-26-3	: 0,007 %	Restricted
Phenylacetaldehyde 122-78-1	: 0,005 %	Restricted
Benzaldehyde 100-52-7	: 0,002 %	Restricted

Natural

This product is a natural aromatic raw material according to ISO 9235.
This product does not contain animal derived products, and can therefore be considered vegan.

Natural Index (acc. to ISO 16128)	NI= 1
Natural Origin Index (acc. to ISO 16128)	NOI= 1
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.