



De Hekserij

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Sporstraat 57
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The Netherlands

23159 - Castoreum Synth (Fir)

1Doc: All available data that is not in the SDS and that is not batch specific.
Version 2 | 2025-09-02

Identity

Product : Castoreum Synth (Fir)
Code : 23159
INCI name : PARFUM
UFI : XJTY-PQ9P-N422-4NTD

Customs information

HS code : 3302 9090
Country of origin : Switzerland

Identity check

Appearance at RT : Liquid
Colour : Pale yellow to brown
Odour : Animalic
Refractive index (20°C) : 1.464 - 1.474
Specific gravity (20°C) : 1.100 - 1.120

Additives

Antioxidants : None
Chelators : None
Solvents : Triethyl Citrate : 68.5390 %

Production / origin

Mixing of natural and synthetic fragrance raw materials.

Composition

Resin acids and Rosin acids, hydrogenated, Me esters : 15 - 20 %
Benzoic acid : 5 - 7.5 %
alpha-Cedrene : 0.1 - 0.5 %
p-methoxybenzyl acetate : 0.1 - 0.5 %
beta-Cedrene : 0 - 0.1 %

Physiochemical specification

Solubility in water : Insoluble

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		: 0.0027
ALPHA-ISOMETHYL IONONE	:	127-51-5		: -
ALPHA-TERPINENE	:	99-86-5		: -
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		: 0.0013
BENZALDEHYDE	:	100-52-7		: 0.0003
BENZYL ALCOHOL	:	100-51-6		: 0.0008
BENZYL BENZOATE	:	120-51-4		: -
BENZYL CINNAMATE	:	103-41-3		: 0.0140
BENZYL SALICYLATE	:	118-58-1		: -
BETA-CARYOPHYLLENE	:	87-44-5		: 0.0343
CAMPHOR	:	76-22-2	21368-68-3 464-48-2	: 0.0003
CANANGA ODORATA FLOWER EXTRACTS	:	83863-30-3	8006-81-3 93686-30-7	: -
CARVONE	:	99-49-0	6485-40-1	: 0.0007
CEDRUS ATLANTICA BARK/LEAF/WOOD EXTRACTS	:	8023-85-6	92201-55-3	: 0.5000
CINNAMAL	:	104-55-2		: 0.0003
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		: 0.0351
CITRAL	:	5392-40-5	141-27-5	: -
CITRONELLOL	:	106-22-9	26489-01-0 7540-51-4	: -
CITRUS AURANTIUM BERGAMIA PEEL OIL	:	8007-75-8	89957-91-5 85049-52-1	: -
CITRUS AURANTIUM FLOWER OIL	:	72968-50-4	8028-48-6	: -
CITRUS AURANTIUM PEEL OIL	:	68916-04-01 8028-48-6	72968-50-4 8008-57-9	: -
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	: -
EUGENOL	:	97-53-0	84961-50-2	: 0.0017
EUGENYL ACETATE	:	93-28-7		: -
EVERNIA FURFURACEA (TREETMOSS) EXTRACT	:	90028-67-4		: -
EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	:	90028-68-5		: -
FARNESOL	:	4602-84-0		: -

GERANIOL	:	106-24-1			:	-
GERANYL ACETATE	:	105-87-3			:	-
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	:	0.0004
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	:	0.0004
LINALOOL	:	78-70-6			:	0.0002
LINALYL ACETATE	:	115-95-7			:	-
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	:	0.0011
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			:	0.0500
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	:	0.0012
TERPINOLENE	:	586-62-9			:	0.0001
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:

FURFURAL 98-01-1	: 0.0004 %	Annex III
METHYLEUGENOL 93-15-2	: 0.0004 %	Annex III
6-METHYL-3,5-HEPTADIENONE 1604-28-0	: 0.0005 %	Annex III
BENZOIC ACID (ADDED AS SUCH) 65-85-0	: 6.0000 %	Annex V
ETHYL BENZOATE 93-89-0	: 0.0250 %	Annex V

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.	: 7.143 %
3 Products applied to the face/body using fingertips.	: 100 %
4 Products related to fine fragrances.	: 100 %
5A Products applied to the body using the hands (palms), primarily leave-on (Body lotion).	: 34.286 %
5B Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer).	: 34.286 %
5C Products applied to the hands using the hands (palms), primarily leave-on (Hand cream).	: 34.286 %
5D Products applied to babies using the hands (palms), primarily leave-on (Baby cream, oil, talc).	: 17.25 %
6 Products with oral and lip exposure.	: 0,0 %
7A Rinse-off products applied to the hair with some hand contact.	: 100 %
7B Leave-on products applied to the hair with some hand contact.	: 100 %
8 Products with significant anogenital exposure (tampon).	: 14.286 %
9 Products with body and hand exposure, primarily rinse off.	: 100 %
10A Household products.	: 100 %
10B Household care products with mostly hand contact (household aerosol/spray products).	: 100 %
11A Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure.	: 17.25 %
11B Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure.	: 17.25 %
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):

6-METHYL-3,5-HEPTADIENONE 1604-28-0	: 0.0005 %	Restricted
ANISYL ALCOHOL 105-13-5	: 0.0012 %	Restricted

BENZALDEHYDE 100-52-7	: 0.0003 %	Restricted
BENZYL ALCOHOL 100-51-6	: 0.0008 %	Restricted
BENZYL CINNAMATE 103-41-3	: 0.0140 %	Restricted
BISABOLOL 515-69-5	: 0.0036 %	Restricted
CARVONE 99-49-0	: 0.0007 %	Restricted
CEDRENE 11028-42-5	: 0.1610 %	Restricted
CINNAMIC ALDEHYDE 104-55-2	: 0.0003 %	Restricted
CINNAMYL ALCOHOL 104-54-1	: 0.0351 %	Restricted
CREOSOL 93-51-6	: 0.0350 %	Restricted
EUGENOL 97-53-0	: 0.0017 %	Restricted
FURFURAL 98-01-1	: 0.0004 %	Restricted
HEXYL SALICYLATE 6259-76-3	: 0.1000 %	Restricted
ISOEUGENOL 97-54-1	: 0.0004 %	Restricted
LONGIFOLENE 475-20-7	: 0.0041 %	Restricted
METHYLEUGENOL 93-15-2	: 0.0004 %	Restricted
P-CRESOL 106-44-5	: 0.0015 %	Restricted
P-HYDROXY-BENZYLACETONE 5471-51-2	: 0.0200 %	Restricted
THUYONE 546-80-5	: 0.0025 %	Restricted

Natural

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

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.