

Fragrance Natural Product Information Sheet

This data sheet cancels and replaces all previously issued sheets for this product.

LEATHER MD 936358 936358

1. Identification

Status: Natural on Carrier

SMOKE EXTRACT	EC CAS N°:	74113-74-9
	TSCA CAS N°:	74113-74-9
	OTHER CAS N°:	8028-47-5
	EC N°:	277-726-1
	RIFM N°:	N/A
	INCI Name:	N/A

Manufacturing Process:

Blending of smoke flavouring with floralyn and triethyl citrate followed by molecular distillation.

Solvents:

CYCLOHEXANE	0.0025%
ISOPROPYL ACETATE	0.0200%
HERCOLYN D	47.5000%
ETHYL ALCOHOL	0.3000%
TRIETHYL CITRATE	41.5000%

Antioxidants:

NONE

2. Physical properties

Appearance: LIQUID
Colour: PALE BROWN TO BROWN ORANGE
Odour: FIRMENICH STANDARD

3. Analytical data

Flash Point (closed cup): > 100°C
Specific Gravity (D20/20): 1.085 - 1.115
Refractive Index (20°C): 1.467 -1.487

4. Legislation

4.1. Usage Regulation

FEMA GRAS Number:
0000 Not listed

European Union / Switzerland:

Contains substances forbidden or limited only to specific applications by the Regulation (EC) No 1223/2009 on Cosmetic products: Yes

France:

Contains substances forbidden under French Poisonous Substances Regulations: No

Japan:

Contains substances forbidden or voluntarily discontinued in Japan: No

USA:

Contains substances forbidden in cosmetics by the US FDA: No

Canada:

Contains substances listed on the Canadian Hot List: No

4.2. Chemical registration regulations

European Union:

Firmenich ensures the REACH compliance of its perfumery ingredients sold as such or included in Firmenich perfumery and oral care formulations on the European Economic Area (EEA) market. All Firmenich customers located in the European Economic Area (EEA) are therefore Downstream Users for all Firmenich products. EU-REACH registration numbers are reflected under section 1 and/or 3 of our SDS where relevant.

Firmenich REACH Information letter is available upon request.

Turkey:

Firmenich ensures the TR-REACH compliance of its perfumery ingredients sold as such or included in Firmenich perfumery and oral care formulations on the Turkish market. All Firmenich customers located in Turkey are therefore Downstream Users for all Firmenich products.

Firmenich TR-REACH Information letter is available upon request.

United Kingdom:

Firmenich ensures the UK-REACH compliance of its perfumery ingredients sold as such or included in Firmenich perfumery and oral care formulations on the UK market. All Firmenich customers located in UK are therefore Downstream Users for all Firmenich products.

Firmenich UK-REACH Information letter is available upon request.

Switzerland:

All ingredients subject to the Chemicals Ordinance (ChemO) are EINECS listed, notified or under volume exemption.

USA:

All ingredients are listed in compliance with Section 5, Toxic Substance Control Act (TSCA).

Canada:

All ingredients are listed on Canadian Domestic Substance List (DSL).

Japan:**METI Chemical Substance Control Law (CSCL)**

All ingredients are listed on CSCL or under an exemption as naturally occurred substance.

Industrial Safety & Health Law (ISHL)

All ingredients are listed on ISHL.

Australia:

All ingredients are listed on the Australian Inventory of Industrial Chemical (AIIC) or considered as natural occurring chemical under Australian Industrial Chemicals Introduction Scheme (AICIS). Details to evaluate inventory listing terms (if any), can be provided upon request.

Philippines:

All ingredients are listed on Philippines Inventory of Chemicals and Chemical Substances (PICCS).

Korea:

All ingredients are listed on Korea Existing Chemicals Inventory (ECL/KECI) or under an exemption according to MOE notice 2018-234.

China:

All ingredients are listed on the Inventory of Existing Chemical Substances in China (IECSC) or under an exemption.

Taiwan:

All ingredients are listed on Taiwan Chemical Substance Inventory (TSCI) or under an exemption as naturally occurring substance.

New Zealand:

Notification is not required. ERMENZ has confirmed to Firmenich that substances used in fragrances do not require notification. Indeed, each of the HSNO Fragrance and Flavour Materials Group Standards state clearly under Part 9 (Notification to the Authority) in sub-clause (3) "This clause does not apply to fragrance materials."

Vietnam:

National Chemicals Inventory (NCI) is under construction and notification to the Authorities is not required at the moment.

Eurasian Economic Union:

The national parts of the chemicals inventory is under construction and notification to the Authorities is not required at the moment.

Disclaimer

This document is generated by calculation based on the ingredients present in the formula. The information contained herein is, to the best of our knowledge, true and accurate at the date of issue. It is provided to Customer for information and internal use only. It is not a confirmation of compliance and it is Customer responsibility to perform its own evaluation on the product, including with respect to end-use application. Firmenich is not liable for any damages that may result from the misuse of the information contained herein. Disclosure of the information contained herein to third parties without the prior written consent of Firmenich except where required by applicable laws and regulations and/or reverse engineering are strictly prohibited. Other CAS may exist for the substance.

4.3. Ingredients subject to limitations by IFRA (50th amendment)

The presence and concentration in the fragrance compound LEATHER MD 936358 936358 of the ingredient(s) listed in the current IFRA Standards are as follows:

<u>Name</u>	<u>CAS #</u>	<u>Qty*</u>
CREOSOL	93-51-6	0.5850 %
ISOEUGENOL	97-54-1	0.3327 %
LONGIFOLENE	475-20-7	0.2900 %
EUGENOL	97-53-0	0.1377 %
FURFURAL	98-01-1	0.0700 %
TOTAL PAH MARKERS	50-32-8	0.0600 ppm
CINNAMIC ALDEHYDE	104-55-2	0.0179 %
COUMARIN	91-64-5	0.0030 %
BENZALDEHYDE	100-52-7	0.0014 %
BENZYL ALCOHOL	100-51-6	0.0012 %

4.4. Ingredients completely forbidden by at least one major consumer product manufacturer

As concentrations are not informative in this context, only the presence ('Yes') or absence ('No') of an ingredient is indicated.

Acetyl ethyl tetramethyl tetralin (AETT)	No
Acetyl isovaleryl	No
Acetylated vetiver oil	No
Alkyl phenol ethoxylates	No
Allantroot oil	No
Allyl esters	No
Allyl glycidyl ether	No
Allylthiocyanate	No
Anethole	No
Animal derived products (except Beeswax)	No
Anisyl alcohol	No
Anisylidene acetone	No
Beeswax	No
Benzonitrile	No
Benzyl benzoate	No
Benzyl butyl phthalate	No
Benzylidene acetone	No

Birch tar oil	No
Birch wood pyrolysate (unrefined)	No
Boldo Oil	No
Bromstyrene	No
p-tert-Butylphenol	No
Cade oil, crude	No
Cade oil, purified	No
Cellosolves	No
Chenopodium oil	No
Cinnamionitrile	No
Cinnamyl anthranilate	No
Cinnamylidene acetone	No
Civet (natural)	No
Collophony	No
Costus root oil, absolute and concrete	No
Cuminylnitrile	No
Cyclamen alcohol	No
Cyclohexene acetonitrile, trimethyl-	No
Cyclohexylidene acetonitrile	No
Decadienenitrile, tetramethyl-	No
Di-(2-ethylhexyl) phthalate (DEHP)	No
Di-n-octylphthalate (DNOP)	No
Dibutyl phthalate	No
Diethyl maleate	No
Diethyl phthalate	No
Dimethyl phthalate	No
Dihydrocoumarin	No
2,4-Dihydroxy-3-methyl-benzaldehyde	No
Diisooctyl phthalate	No
4,6-Dimethyl-8-t-butyl coumarin	No
Dimethyl citraconate	No
3,7-Dimethyl-2-octen-1-ol (6,7-Dihydrogeraniol)	No
Diphenylamine	No
Esters of 2-nonynoic acid, except methyl octine carbonate	No
Esters of 2-octynoic acid, except methyl and allyl heptene carbonate	No
Estragole (directly added)	No
Ethyl acrylate	No
Ethyl phthalate	No
Ethylene glycol monoethyl ether	No
Ethylene glycol monoethyl ether acetate	No
Ethylene glycol monomethyl ether	No
Ethylene glycol monomethyl ether acetate	No
Farnesol (directly added)	No
Fennel oil bitter	No
Fig leaf absolute	No
Furfural	Yes
Furfurylideneacetone	No
Guaiacol	Yes
Halogenated organic compound	No
trans-2-Heptenal	No

Hercolyn	Yes
Hexahydrocoumarin	No
trans-2-Hexenal diethyl acetal	No
Hexylene Glycol	No
trans-2-Hexenal dimethyl acetal	No
Hydroabietyl alcohol	No
Hydroquinone	No
Hydroquinone monoethylether	No
Hydroquinone monomethyl ether	No
Isophorone (directly added)	No
6-Isopropyl-2-decalol	No
Limonene (directly added)	No
Macrocyclic musks	No
Massoia bark oil	No
Massoia lactone	No
Melissa oil (Genuine Melissa officinalis)	No
7-Methoxycoumarin	No
alpha-Methyl anisylidene acetone	No
6-Methyl coumarin	No
7-Methyl coumarin	No
Methyl crotonate	No
Methyl decanenitrile	No
4-Methyl-7-ethoxycoumarin	No
Methyleugenol (directly added)	No
Methyl methacrylate	No
3-Methyl-2(3)-nonenenitrile	No
Methylnonylketone	No
Methyl salicylate	No
Moskene	No
Musk alpha	No
Musk ambrette	No
Musk ketone	No
Musk thibetine	No
Musk xylene	No
Nitriles not exempted from labelling in Japan	No
Nitrobenzene	No
Nitromusks (any)	No
Nonadienenitrile, dimethyl-	No
Nonenenitrile, 2-	No
Nootkatone	No
Orris root	No
Peanut oil	No
Pentylidene cyclohexanone	No
Peru balsam	No
Phenyl acetone	No
Phenyl acetyl nitrile	No
Phenyl propionitrile	No
Phenylacetaldehyde	No
Phthalates, other	No
Pinacea oils	No

Polycyclic musk, AHTN	No
Polycyclic musk, HHCB	No
Polycyclic musk, other	No
Pseudoionone	No
Pseudomethylionones	No
Resorcinol	No
Safrole, Isosafrole, Dihydrosafrole	No
Sandalwood oil	No
Santolina Oil	No
Savin oil	No
Sassafras oil	No
Sclareol	No
Styrax gums, crude	No
Tridecenenitrile	No
Verbena oil (not absolute)	No

4.5. Ingredients subject to limitations by the Cosmetic regulation (EC) No 1223/2009

The fragrance compound LEATHER MD 936358 936358 is formulated in accordance with the requirements of Annex II of Cosmetic regulation (EC) No 1223/2009 (as amended). The presence and concentration in the fragrance compound of ingredients listed in Annexes II, III, IV, V, VI, to this Regulation are as follows:

ANNEX II

Name	CAS #	Qty (%)*

ANNEX III

Name	CAS #	Qty (%)*
ISOEUGENOL	97-54-1	0.3327
FURFURAL	98-01-1	0.0700

The concentration of any of the 26 substances listed in Annex III for the purpose of declaration only, are given in more detail in section 4.7.

ANNEX IV

Name	CAS #	Qty (%)*

ANNEX V

Name	CAS #	Qty (%)*

ANNEX VI

Name	CAS #	Qty (%)*

* all quantities (Qty) are calculated on a weight/weight basis.

4.6. Ingredients of current regulatory interest

Menthol added as such:	< 1ppm
Menthol via naturals:	< 1ppm
Camphor added as such:	< 1ppm
Camphor via naturals:	< 1ppm
Eucalyptol added as such:	< 1ppm
Eucalyptol via naturals:	< 1ppm
Glycol Ethers:	< 1ppm
Total Vanillin:	0.0840%
Total terpens:	0.2900%
Swiss VOCs:	0.3037%

Prop. 65

NONE

GMO derived compounds

This product does not contain ingredients indicated as being of GMO origin.

Animal derived ingredients NONE

4.7. Substances proposed for declaration as "Allergens"

This is a composite of lists proposed by the SCCS and Cosmetics Europe (ex-COLIPA). Levels arising from their presence in natural ingredients and as impurities in synthetic ingredients are listed in the "Indirect N" and "Indirect S" columns respectively. These are calculated concentrations and do not replace chromatographic quantification of the complete fragrance or the final cosmetic product.

"-" indicates that the substance is not analytically detectable < 1ppm. It could still arise as an impurity in added synthetics or natural ingredients at levels below 1ppm.

	<u>Direct Addition</u>	<u>Indirect Nat</u>	<u>Indirect Synth</u>	<u>Total</u>
Alpha-Isomethyl-ionone CAS# 127-51-5	-	-	-	-
Amyl Cinnamal CAS# : 122-40-7	-	-	-	-
AmylCinnamyl Alcohol CAS# : 101-85-9	-	-	-	-
Anise Alcohol CAS# : 105-13-5	-	-	-	-
Benzyl Alcohol CAS# : 100-51-6	-	0.0012%	-	0.0012%

Benzyl Benzoate CAS# : 120-51-4	-	-	-	-
Benzyl Cinnamate CAS# : 103-41-3	-	-	-	-
Benzyl Salicylate CAS# : 118-58-1	-	-	-	-
Butylphenyl Methylpropional CAS# : 80-54-6	-	-	-	-
Cinnamal CAS# : 104-55-2	-	0.0179%	-	0.0179%
Cinnamic Alcohol CAS# : 104-54-1	-	-	-	-
Citral CAS# : 5392-40-5	-	-	-	-
Citronellol CAS# : 106-22-9	-	-	-	-
Coumarin CAS# : 91-64-5	-	0.0030%	-	0.0030%
Eugenol CAS# : 97-53-0	-	0.1377%	-	0.1377%
Evernia Furfuracea (Treemoss) Extract CAS# 90028-67-4	-	-	-	-
Evernia Prunastri (Oakmoss) Extract CAS# 90028-68-5	-	-	-	-
Farnesol CAS# : 4602-84-0	-	-	-	-
Geraniol CAS# : 106-24-1	-	-	-	-
Hexyl Cinnamal CAS# : 101-86-0	-	-	-	-
Hydroxycitronellal CAS# : 107-75-5	-	-	-	-
Hydroxyisohexyl-3-Cyclohexene Carboxaldehyde CAS# : 31906-04-4	-	-	-	-
Hydroxyisohexyl 3-&4- Cyclohexene Carboxaldehyde (HMPCC)* CAS# 51414-25-6 / 31906-04-4	-	-	-	-
Isoeugenol CAS# : 97-54-1	-	0.3327%	-	0.3327%
Limonene CAS# : 5989-27-5	-	-	-	-
Linalool CAS# : 78-70-6	-	-	-	-
Methyl-2-Octynoate CAS# : 111-12-6	-	-	-	-

*corresponds to the commercial quality, which includes the major isomer 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde and the minor isomer 3-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde.

5. Storage Conditions & Shelf Life

STORAGE CONDITIONS: Dry area, unopened containers, optimum temp. 11-25 °C / 52-77 °F

SHELF LIFE (in months): 12

6. Date and validity

This document is generated by calculation based on the ingredients present in the formula. The information provided herein has been compiled on the below-mentioned date and reflects our knowledge and understanding of the different criteria at this time. The quantities of constituents of this product as indicated in this document may be subject to slight changes due to normal variations of some raw materials. We will inform you in case a product you have purchased in the last 24 months is affected by a significant variation of constituents from its stated level, where the variation affects quality specification or regulatory status.

Date: 19/Oct/2022