

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** PALO SANTO  
**CAS number:** 9591-30-05-3  
**Art No:** 1187  
**INCI name:** Bursera Graveolens

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Country of Origin: Ecuador

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Naturkosmetikkompaniet AB  
Ullevi Enestorp 3  
594 91 Gamleby  
Sweden

**Tel:** 0493-53999

**Email:** info@naturkosmos.se

**1.4. Emergency telephone number**

**Emergency tel:** 112

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Skin Sens. 1A: H317

**Most important adverse effects:** May cause an allergic skin reaction.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H317: May cause an allergic skin reaction.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

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**Precautionary statements:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P321: Specific treatment (see supplemental first aid instruction on this label)  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### ISOEUGENOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-590-7	97-54-1	-	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Irrit. 2: H319	<1%

##### D-LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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**Contains:** < 5.5% Beta eudesmol, < 0.1% Furfural

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

[cont...]

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## 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

[cont...]

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## DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Colour:** Yellow-gold

**Odour:** Aromatic

**Flash point°C:** 100

**Vapour pressure:** 1.450 - 1.515

**Relative density:** 0.850 - 0.985

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

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## Hazardous ingredients:

### D-LIMONENE

IDU	MUS	LDLO	1	g/kg
IPR	MUS	LD50	600	mg/kg
IPR	RAT	LD50	3600	mg/kg
IVN	RAT	LD50	110	mg/kg
ORL	MUS	TDL <sub>o</sub>	67g/kg 39	W-I: ETA
ORL	MUS	LD50	5600	mg/kg
ORL	MUS	TDL <sub>o</sub>	3456mg/kg	(7-12D pre
ORL	RAT	LD50	4400	mg/kg
ORL	RAT	TDL <sub>o</sub>	20083mg/kg	(9-15D pre

## Relevant hazards for product:

Hazard	Route	Basis
Respiratory/skin sensitisation	-	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### D-LIMONENE

ALGAE	48H EC50	<=1	mg/l
DAPHNIA	48H EC50	<=1	mg/l
FISH	96H LC50	<=1	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

[cont...]

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## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** Not regulated

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

[cont...]

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H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

## COSMETIC AND DETERGENT ALLERGENS CERTIFICATE

(Cf Annex III of the Cosmetic Directive 2003/15/CE and Regulation EC 648/2004 of the European Parliament and of the Council on detergents)

**Produkt namn : PALO SANTO**

Art No: 1187

Products	CAS#	From essential oil (% max.)	Direct add (% max.) $\square^*$	Observations
Anisyl alcohol	105-13-5	nd*	0,00	
Benzyl alcohol	100-51-6	nd*	0,00	
Benzyl benzoate	120-51-4	nd*	0,00	
Benzyl cinnamate	103-41-3	nd*	0,00	
Benzyl salicylate	118-58-1	nd*	0,00	R43
Cinnamic aldehyde	104-55-2	nd*	0,00	R43
Cinnamyl alcohol	104-54-1	nd*	0,00	R43
Citral (neral+geranial)	5392-40-5	nd*	0,00	R43
Citronnelol	106-22-9	nd*	0,00	R43
Coumarine	91-64-5	nd*	0,00	R43
Limonene (D, L, D+L)	5989-27-5 / 5989-54-8 / 138-86-3	nd*	< 0.20	R43
Eugenol	97-53-0	nd*	0,00	R43
Farnesol	4602-84-0	nd*	0,00	
Geraniol	106-24-1	nd*	0,00	R43
Isoeugenol	97-54-1	nd*	< 0.25	R43
Linalool	78-70-6	nd*	0,00	
Evernia prunastri extraits/ extracts Evernia furfuracea extraits/ extracts	90028-68-5 / 90028-67-4	nd*	0,00	R43
Amyl cinnamal	122-40-7	<i>These components are not known to be present in essential oils</i>		R43
Amyl cinnamyl alcohol	101-85-9			R43
Hexyl cinnamaldehyde	101-86-0			R43
Hydroxycitronnelal	107-75-5			R43
Lilial	80-54-6			R43
Lylal	31906-04-4			R43
Methyl Ionone Iso / alpha	127-51-5			
Methyl 2-octynoate	111-120-6			R43

nd\* : not detected by CPG

$\square^*$ : direct add: natural or not

Completed to the best of our knowledge and belief



	<b>CERTIFICAT CONFORMITE</b> <b>IFRA</b> <b>IFRA CONFORMITY CERTIFICATE</b> <b>For ingredients</b>	Naturkosmetikkompaniet AB Ullevi Enestorp 3 594 91 Gamleby, Sweden. EMAIL: info@naturkosmos.se TEL. NO. 0493-53999
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Nom du(des) produit(s) / Product(s) name	Palo Santo
Notre Référence produit / Our product code	: 1187
Purchased under CITES	

We certify that the above material (ingredient) :

- Complies with the Standards of Code of Practice of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 49th Amendment),

IFRA Classes	Maximum use level (%)
1	Not approved
2	1
3 A B C D	1
4 A B C D	1
5	1
6	Not approved
7 A B	1
8 A B	1
9 A B C	1
10 A B	1
11	50

**Note box :**

Category 11 includes all non-skins contact or incidental skin contact products. Due to the negligible skin contact from these types of products there is no justification for a restriction of the concentration of this fragrance ingredient in the finished product.

- contains the following substances, restricted by IFRA standards :  
Limonene 5989-27-5 < 0.20, Isoeugenol 97-54-1 ≤ 0.25, Furfural 98-01-1 ≤ 0.10
- Contains the following substances, with specification by IFRA standards :

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

Date / Date 21/8/20	Responsable / Official Affaires réglementaires	Ce document informatisé n'est pas signé. / This computerized document is not signed.
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ANNEX: Definition of IFRA Classes

<b>Finished product types</b>	<b>IFRA class</b>
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream Men's Facial Creams and Balms	Class 3.C
Tampons	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range) Ingredients of Perfume Kits Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues)	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range)	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils) Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body	Class 5
Mouthwash, Toothpaste	Class 6
Intimate Wipes; Baby Wipes	Class 7 A
Insect Repellent (intended to be applied to the skin)	Class 7 B
Make-up Removers of all types (not including face cleansers) Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...) Nail Care All Powders & Talcs (including baby powders and talcs)	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos) Face Cleansers of all types (washes, gels, scrubs, etc...) Shaving Creams of all types (stick, gels, foams, etc...) Body Washes of all types (including baby washes) Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray)	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) Dry Cleaning Kits Fabric Softeners of all types including fabric softener sheets Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...) Shampoos for pets	Class 10.A
Diapers Toilet seat wipes	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs) Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder) Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons)	Class 11.B



**Product:** **Palo Santo**

**Art No:** **1187**

#### **IDENTIFICATION**

Essential oil of *Bursera Graveolens Wood Oil* (distilled).

**Origin:** Ecuador

**Appearance:** Clear liquid, amber to yellow

**Odour:** Characteristic

**Grade:** 100% Natural

#### **ANALYTICAL DATA**

Flash point: >100°C

#### **APPLICATION – LEGISLATION**

**Recommended for professional use as an ingredient in perfumes and food flavours**

CAS No: 959130-05-3

EINECS No: N/A

EU Comm.Code: 3301 29 41

FEMA/ GRAS No: No

Storage Conditions: Store in tightly closed, original container in a cool dry place.