

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** NORDIC DARKNESS 0023300

**Version:** 4

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** NORDIC DARKNESS 0023300(1-(2,2,6-Trimethylcyclohexyl)-3-hexanol, 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone, Geraniol, Linalool)

**Other identifiers:** None

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Essencia, Aetherische Oele AG

**Company address:** Stäffelistrasse 8  
CH-8409 Winterthur

**Contact:** Regulatory Affairs Management

**E-Mail address:** info@essencia.ch

**Company phone:** +41 52 245 05 60

#### 1.4 Emergency telephone number

**Emergency phone:**

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Eye Damage / Irritation Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
Skin Corrosion / Irritation Category 2  
Sensitization - Skin Category 1  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
H411, Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

**Signal word:** Danger

**Hazard statements:** H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
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**Supplemental Information:** EUH208, Contains Acetyl cedrene, Alpha-Isomethyl Ionone, Cinnamyl alcohol, Cyclamen aldehyde (2-Methyl-3-(p-isopropylphenyl) propionaldehyde), Limonene, alpha-Pinene, beta-Pinene. May produce an allergic reaction.

**Precautionary statements:**

P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310, Immediately call a POISON CENTER or doctor/physician.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P391, Collect spillage.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
1-(2,2,6-Trimethylcyclohexyl)-3-hexanol	70788-30-6	274-892-7		5.50%	Skin Sens. 1B;H317,-
Linalool	78-70-6	201-134-4		3.35%	Eye Dam. 2-Skin Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
Geraniol	106-24-1	203-377-1		3.30%	Eye Dam. 1-Skin Irrit. 2-Skin Sens. 1;H315-H317-H318,-
2,6-Dimethyloct-7-en-2-ol	18479-58-8	242-362-4		2.54%	Eye Dam. 2-Skin Irrit. 2;H315-H319,-
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9	251-649-3		1.70%	Eye Dam. 2-Aquatic Chronic 2-Skin Irrit. 2-Skin Sens. 1B;H315-H317-H319-H411,-

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Limonene	5989-27-5	227-813-5		1.53%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1-Flam. Liq. 3- Skin Irrit. 2-Skin Sens. 1B;H226-H304-H315- H317-H410,-
alpha-Cedrene	469-61-4	207-418-4		1.50%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H410,-
5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	265-453-0		1.43%	Eye Dam. 2-Aquatic Chronic 2;H319-H411,-
Benzyl acetate	140-11-4	205-399-7		1.05%	Aquatic Chronic 3; H412,-
Cyclamen aldehyde (2-Methyl-3-(p-isopropylphenyl)propionaldehyde)	103-95-7	203-161-7		1.00%	Aquatic Chronic 3-Skin Irrit. 2-Skin Sens. 1B; H315-H317-H412,-
E+Z-Oxacyclohexadec-12(+13)-en-2-one	34902-57-3, 111879-80-2	422-320-3		0.80%	Aquatic Acute 1- Aquatic Chronic 2; H400-H411,-
2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane	117933-89-8	413-720-9		0.80%	Aquatic Acute 1- Aquatic Chronic 1; H410,-
Cinnamyl alcohol	104-54-1	203-212-3		0.40%	Skin Sens. 1B;H317,-
2,4-Dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane (Okoumal)	131812-67-4	412-950-7		0.30%	Aquatic Acute 1- Aquatic Chronic 1; H410,-
beta-Cedrene	546-28-1			0.30%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H410,-
Acetyl cedrene	32388-55-9	251-020-3		0.28%	Aquatic Acute 1- Aquatic Chronic 1-Skin Sens. 1B;H317-H410,-
Alpha-Isomethyl Ionone	127-51-5	204-846-3		0.13%	Aquatic Chronic 2-Skin Irrit. 2-Skin Sens. 1B; H315-H317-H411,-
beta-Pinene	127-91-3	204-872-5		0.12%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1-Flam. Liq. 3- Skin Irrit. 2-Skin Sens. 1B;H226-H304-H315- H317-H410,-
alpha-Pinene	80-56-8	201-291-9		0.10%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1-Flam. Liq. 3- Skin Irrit. 2-Skin Sens. 1B;H226-H304-H315- H317-H410,-

### Substances with Community workplace exposure limits:

Not Applicable

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

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IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

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

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. Accidental release measures

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

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### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits: Not Applicable

#### 8.2 Exposure Controls

##### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

##### Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

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

<b>Appearance:</b>	Not determined
<b>Odour:</b>	fresh, aquatic, amber, woody
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	> 70 °C
<b>Evaporation rate:</b>	Not determined

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<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2

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**Serious eye damage/irritation:** Eye Damage / Irritation Category 1  
**Respiratory or skin sensitisation:** Sensitization - Skin Category 1  
**Germ cell mutagenicity:** Based on available data the classification criteria are not met.  
**Carcinogenicity:** Based on available data the classification criteria are not met.  
**Reproductive toxicity:** Based on available data the classification criteria are not met.  
**STOT-single exposure:** Based on available data the classification criteria are not met.  
**STOT-repeated exposure:** Based on available data the classification criteria are not met.  
**Aspiration hazard:** Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

#### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

#### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

**14.1 UN number:** UN3082

**14.2 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alpha-Cedrene, beta-Cedrene)

**14.3 Transport hazard class(es):** 9

**Sub Risk:**

**14.4. Packing Group:** III

**14.5 Environmental hazards:** This is an environmentally hazardous substance.

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

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### Section 15. Regulatory information

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

VOC Content: 2.5824%

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** EDI 1=90.80% EDI 2=23.78% EDI 2A=23.78% EH A2=11.07% EH A3=1.10% EH C2=11.66% EH C3=1.16% EH C4=95.04% SCI 2=74.51% SCI 3=6.56% SS 1=18.18%

**Total Fractional Values:** EDI 1=1.10 EDI 2=4.21 EDI 2A=4.21 EH A2=9.03 EH A3=90.91 EH C2=8.58 EH C3=85.87 EH C4=1.05 SCI 2=1.34 SCI 3=15.25 SS 1=5.50

#### Key to revisions:

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Classification under Regulation (EC) No 1272/2008

Classification under Regulation (EC) No 1272/2008

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

#### Key to abbreviations:

Abbreviation	Meaning
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Dam. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.



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H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.