

# SAFETY DATA SHEET

## NORDIC HAVEN FRAGRANCE OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Nordic Haven Fragrance Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION



GHS07

Skin irritation 2 H315 Causes skin irritation.

Sensitization - skin 1 H317 May cause an allergic skin reaction.

#### Label elements

#### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard pictograms



GHS07

**Signal word** Warning

#### Hazard-determining components of labeling:

CYCLAMEN ALDEHYDE

ISO E SUPER

HELIOTROPINE

LAVANDIN GROSSO

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L-ALPHA PINENE  
BETA PINENE  
CASHMERAN  
LEMON OIL  
JUNIPER BERRY OIL  
CEDARLEAF OIL  
LEMON TERPENES  
LIME TERPENES

**Hazard statements**

Causes skin irritation.  
May cause an allergic skin reaction.

**Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.  
If on skin: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Information pertaining to particular dangers for man and environment:**

**Classification system:**

**NFPA ratings (scale 0 - 4)**

Health = 1  
Fire = 1  
Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 1  
Fire = 1  
Reactivity = 0

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Classification according to (d)(1)(ii) of § 1910.1200**

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

**Hazards not otherwise classified**

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical characterization: Mixtures**

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

120-51-4	BENZYL BENZOATE Acute toxicity - oral 4, H302	≥2.5–≤10%
103-95-7	CYCLAMEN ALDEHYDE Skin irritation 2, H315; Sensitization - skin 1, H317; Flammable liquids 4, H227	≥2.5–≤10%
54464-57-2	ISO E SUPER Skin irritation 2, H315; Sensitization - skin 1, H317	≥2.5–≤10%
3407-42-9	SANDELA Skin irritation 2, H315; Eye irritation 2A, H319	≥2.5–≤10%
87-44-5	Caryophyllene Aspiration hazard 1, H304	≥2.5–≤10%
120-57-0	HELIOTROPINE Sensitization - skin 1, H317	≥1–≤2.5%
8022-15-9	LAVANDIN GROSSO Eye irritation 2A, H319; Sensitization - skin 1, H317; Flammable liquids 4, H227	≥1–≤2.5%
0125-12-2	ISOBORNYL ACETATE Flammable liquids 4, H227	≤2.5%
121-32-4	ETHYL VANILLIN Acute toxicity - oral 4, H302	≤2.5%
7785-26-4	L-ALPHA PINENE Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥1–≤2.5%

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8000-27-9	CEDARWOOD OIL VIRGINIA Aspiration hazard 1, H304	≤2.5%
18172-67-3	BETA PINENE Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
33704-61-9	CASHMERAN Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317	≥0.1-<1%
8008-56-8	LEMON OIL Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
8002-68-4	JUNIPER BERRY OIL Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317	≥0.1-<1%
8007-20-3	CEDARLEAF OIL Flammable liquids 3, H226; Acute toxicity - oral 4, H302; Sensitization - skin 1, H317	≥0.1-<1%
78-70-6	Linalool Sensitization - skin 1B, H317; Flammable liquids 4, H227	≥0.1-<1%
68917-33-9	LEMON TERPENES Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
68917-75-5	LIME TERPENES Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%

#### 4. FIRST AID MEASURES

##### Description of first aid measures

##### General information:

Immediately remove any clothing soiled by the product.

##### After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

##### After skin contact:

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Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**

Rinse opened eye for several minutes under running water.

**After swallowing:**

If symptoms persist consult doctor.

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing agents:**

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Not required.

**Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**Protective Action Criteria for Chemicals**

**PAC-1**

103-23-1	DIOCTYL ADIPATE	17 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	5.1 mg/m <sup>3</sup>

110-27-0	ISOPROPYL MYRISTATE	81 mg/m <sup>3</sup>
119-36-8	Methyl salicylate	2.3 ppm
112-31-2	ALDEHYDE C-10	1.8 ppm
124-13-0	ALDEHYDE C-8	17 mg/m <sup>3</sup>
124-19-6	ALDEHYDE C-9	15 mg/m <sup>3</sup>
75-07-0	ACETALDEHYDE	45 ppm

**PAC-2**

103-23-1	DIOCTYL ADIPATE	300 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	56 mg/m <sup>3</sup>
110-27-0	ISOPROPYL MYRISTATE	900 mg/m <sup>3</sup>
119-36-8	Methyl salicylate	25 ppm
112-31-2	ALDEHYDE C-10	120 mg/m <sup>3</sup>
124-13-0	ALDEHYDE C-8	190 mg/m <sup>3</sup>
124-19-6	ALDEHYDE C-9	170 mg/m <sup>3</sup>
75-07-0	ACETALDEHYDE	270 ppm

**PAC-3**

103-23-1	DIOCTYL ADIPATE	1800 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	340 mg/m <sup>3</sup>
110-27-0	ISOPROPYL MYRISTATE	5,400 mg/m <sup>3</sup>
119-36-8	Methyl salicylate	150 ppm
112-31-2	ALDEHYDE C-10	740 mg/m <sup>3</sup>
124-13-0	ALDEHYDE C-8	1,100 mg/m <sup>3</sup>
124-19-6	ALDEHYDE C-9	990 mg/m <sup>3</sup>
75-07-0	ACETALDEHYDE	840 ppm

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

### **Information about protection against explosions and fires:**

No special measures required.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Store in a tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

### **Specific end use(s)**

No further relevant information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

#### **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **Additional information:**

The lists that were valid during the creation were used as basis.

### **Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

### **Personal protective equipment:**

#### **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

### **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**



*Protective gloves*

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General Information

<b>Physical state</b>	Liquid
<b>Color</b>	Clear pale yellow to yellow
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined.
<b>Melting point / Melting range</b>	Undetermined.
<b>Boiling point / Boiling range</b>	214 °C (417.2 °F)
<b>Flammability</b>	Not applicable.
<b>Explosion limits – Lower</b>	0.3 Vol %
<b>Explosion limits – Upper</b>	2.8 Vol %
<b>Flash point</b>	>93 °C (>199.4 °F)

<b>Auto igniting</b>	340 °C (644 °F)
<b>Decomposition temperature</b>	Not determined.
<b>pH-value</b>	Not determined.
<b>Viscosity – Kinematic</b>	Not determined.
<b>Viscosity – Dynamic</b>	Not determined.
<b>Solubility in / Miscibility with water</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water)</b>	Not determined.
<b>Vapor pressure at 197 °C (386.6 °F)</b>	2.6 hPa (2 mm Hg)
<b>Vapor pressure</b>	—
<b>Density at 20 °C (68 °F)</b>	0.95576 g/cm <sup>3</sup> (7.97582 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Particle characteristics</b>	Not applicable.

#### Other information

**Appearance:**

**Form:** Liquid

#### Important information on protection of health and environment, and on safety.

**Ignition temperature:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Solvent content:**

**VOC content:** 0.00 %

0.0 g/l / 0.00 lb/gal

**Solids content:** 9.2 %

**Change in condition**

**Evaporation rate** Not determined.

## 10. STABILITY AND REACTIVITY

**Reactivity**

No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions**

No dangerous reactions known.

**Conditions to avoid**

No further relevant information available.

**Incompatible materials:**

No further relevant information available.

**Hazardous decomposition products:**

No dangerous decomposition products known.

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity:**

**LD/LC50 values that are relevant for classification:**

**ATE (Acute Toxicity Estimate)**

Oral	LD50	31,662 mg/kg (rat)
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**120-51-4 BENZYL BENZOATE**

Oral	LD50	1,700 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)

**120-57-0 HELIOTROPINE**

Oral	LD50	2,700 mg/kg (rat)
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**125-12-2 ISOBORNYL ACETATE**

Oral	LD50	10,000 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

**121-32-4 ETHYL VANILLIN**

Oral	LD50	1,590 mg/kg (rat)
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**7785-26-4 L-ALPHA PINENE**

Oral	LD50	3,700 mg/kg (rat)
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**78-70-6 Linalool**

Oral	LD50	2,790 mg/kg (rat)
Dermal	LD50	5,610 mg/kg (rabbit)

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** No irritating effect.

**Sensitization:** Sensitization possible through skin contact.

**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

**Interactive effects**

No interactive effects between components are known.

**Carcinogenic categories**

**IARC (International Agency for Research on Cancer)**

103-23-1	DIOCTYL ADIPATE	3
128-37-0	BHT	3
75-07-0	ACETALDEHYDE	2B

**NTP (National Toxicology Program)**

75-07-0 ACETALDEHYDE R

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**Alternative sources for toxicological information**

No non-standard sources for toxicological information where used.

**12. ECOLOGICAL INFORMATION**

**Toxicity**

**Aquatic toxicity:**

No further relevant information available.

**Persistence and degradability**

No further relevant information available.

**Bioaccumulative potential**

No further relevant information available.

**Mobility in soil**

No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects**

**Additional ecological information:**

**General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:**

Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

**UN-Number**

**DOT, IMDG, IATA** not regulated

**UN proper shipping name**

**DOT, IMDG, IATA** not regulated

**Transport hazard class(es)**

**DOT, ADN, IMDG, IATA**

**Class** not regulated

**Packing group**

**DOT, IMDG, IATA** not regulated

**Environmental hazards:** Not applicable.

**Transport in bulk according to Annex II of  
MARPOL73/78 and the IBC Code** Not applicable.

**Special precautions for user** Not applicable.

**UN "Model Regulation":** not regulated

## 15. REGULATORY INFORMATION

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

**Sara**

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

1222-05-5 GALAXOLIDE

75-07-0 ACETALDEHYDE

**TSCA (Toxic Substances Control Act):** All substances are active or exempt.

**Hazardous Air Pollutants**

75-07-0 ACETALDEHYDE

**Proposition 65**

**Chemicals known to cause cancer:**

75-07-0 ACETALDEHYDE

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenic categories**

**EPA (Environmental Protection Agency)**

103-23-1	DIOCTYL ADIPATE	C
75-07-0	ACETALDEHYDE	B2

**TLV (Threshold Limit Value)**

128-37-0	BHT	A4
75-07-0	ACETALDEHYDE	A3

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

75-07-0 ACETALDEHYDE

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16. OTHER INFORMATION**

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.