

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



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

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%

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:

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 ³
120-51-4	BENZYL BENZOATE	5.1 mg/m ³

110-27-0	ISOPROPYL MYRISTATE	81 mg/m ³
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 ³
124-19-6	ALDEHYDE C-9	15 mg/m ³
75-07-0	ACETALDEHYDE	45 ppm

PAC-2

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

PAC-3

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

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

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