

SAFETY DATA SHEET

SALT BLUE FRAGRANCE OIL

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Salt Blue 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

Classification of the substance or mixture



GHS07

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:

Linalool

METHYL IONONE GAMMA

benzyl salicylate

Ethanone, 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-

HELIONAL

CYCLAMEN ALDEHYDE
ANISYL PROPANAL (CANTHOXAL)
COUMARIN
CASHMERAN
Citral
1,8 CINEOLE (EUCALYPTOL)
TRIPLAL

Hazard statements

May cause an allergic skin reaction.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray
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.

Classification system:

NFPA ratings (scale 0 - 4)

Health = 0
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0
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:

78-70-6	LINALOOL Sensitisation - skin 1B, H317; Flammable liquids 4, H227	>2.5–≤10%
127-51-5	METHYL IONONE GAMMA Skin irritation 2, H315; Sensitisation - skin 1, H317; Eye irritation 2B, H320	>2.5–≤10%
88-41-5	VERDOX Flammable liquids 4, H227	>2.5–≤10%
118-58-1	BENZYL SALICYLATE Sensitisation - skin 1B, H317	>2.5–≤10%
0140-11-4	BENZYL ACETATE	≤2.5%
68155-66-8	Ethanone, 1-(2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)- Skin irritation 2, H315; Sensitisation - skin 1, H317	≥1–≤2.5%
1205-17-0	HELIONAL Sensitisation - skin 1, H317	≥1–≤2.5%
103-95-7	CYCLAMEN ALDEHYDE Skin irritation 2, H315; Sensitisation - skin 1, H317; Flammable liquids 4, H227	≥1–≤2.5%
115-95-7	Linalyl acetate Skin irritation 2, H315; Eye irritation 2A, H319; Flammable liquids 4, H227	≤2.5%
28219-61-6	BACDANOL Eye irritation 2A, H319	≤2.5%
5462-06-06	ANISYL PROPANAL (CANTHOXAL) Sensitisation - skin 1, H317	≥0.1–<1%

91-64-5	COUMARIN Acute toxicity - oral 3, H301; Sensitisation - skin 1, H317	≥0.1—<1%
33704-61-9	CASHMERAN Skin irritation 2, H315; Eye irritation 2A, H319; Sensitisation - skin 1, H317	≥0.1—<1%
5392-40-5	Citral Skin irritation 2, H315; Sensitisation - skin 1, H317	≥0.1—<1%
470-82-6	1,8 CINEOLE (EUCALYPTOL) Flammable liquids 3, H226; Sensitisation - skin 1, H317	≥0.1—<1%
68809-99-4	TRIPAL Skin irritation 2, H315; Sensitisation - skin 1, H317; Flammable liquids 4, H227	≥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.

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.

Protective Action Criteria for Chemicals

PAC - 1	103-23-1	DIOCTYL ADIPATE	17 mg/m ³
	140-11-4	BENZYL ACETATE	30 ppm
	91-64-5	COUMARIN	0.88 mg/m ³
	110-27-0	ISOPROPYL MYRISTATE	81 mg/m ³
	89-83-8	THYMOL CRYSTALS	2.9 mg/m ³

PAC - 2	103-23-1	DIOCTYL ADIPATE	300 mg/m ³
	140-11-4	BENZYL ACETATE	330 ppm

	91-64-5	COUMARIN	9.7 mg/m3
	110-27-0	ISOPROPYL MYRISTATE	900 mg/m3
	89-83-8	THYMOL CRYSTALS	32 mg/m3

PAC - 3	103-23-1	DIOCTYL ADIPATE	1800 mg/m3
	140-11-4	BENZYL ACETATE	2,000 ppm
	91-64-5	COUMARIN	58 mg/m3
	110-27-0	ISOPROPYL MYRISTATE	5,400 mg/m3
	89-83-8	THYMOL CRYSTALS	190 mg/m3

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

Handling:

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 following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

140-11-4 BENZYL ACETATE

TLV	Long-term value: 10 ppm A4
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5392-40-5 Citral

TLV	Long-term value: 5* ppm Skin; DSEN; *inh. fraction + vapor, A4
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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:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

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 %
Upper	2.8 Vol %
Flash point	>93 °C (>199.4 °F)
Auto igniting	340 °C (644 °F)
Additional Properties	
Decomposition temperature	Not determined
pH-value	Not determined

Viscosity	
Kinematic	Not determined
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 kPa (2 mm Hg)
Vapor pressure	
Density at 20 °C (68 °F)	0.95125 g/cm ³ (7.93818 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 %

Solids content: 1.3 %

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:

78-70-6 Linalool

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

140-11-4 BENZYL ACETATE

Oral	LD50	2,490 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)

91-64-5 COUMARIN

Oral	LD50	293 mg/kg (rat)
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5392-40-5 Citral

Oral	LD50	4,960 mg/kg (rat)
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Primary irritant effect:

on the skin:

No irritant effect.

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)

128-37-0	BHT	3
140-11-4	BENZYL ACETATE	3
91-64-5	COUMARIN	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even 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
Transport hazard class(es) DOT, ADN, IMDG, IATA Class	not regulated
Packing group DOT, IMDG, IATA	not regulated
Environmental hazards:	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

UN "Model Regulation"	not regulated
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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):

None of the ingredients is listed.

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

Hazardous Air Pollutants

None of the ingredients is listed.

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

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
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TLV (Threshold Limit Value)

140-11-4	BENZYL ACETATE	A4
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NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.



Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

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