

# SAFETY DATA SHEET

## ICED CEDAR & VANILA FRAGRANCE OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Iced Cedar & Vanilla 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

**Class and category of danger:**

Flammable Liquid, Hazard Category 4

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 2

Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Acute Hazard Category 2

Hazardous to the Aquatic Environment - Long-term Hazard Category 1

H227, Combustible liquid.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H401, Toxic to aquatic life.

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

**Label elements**

**Signal word:** Warning

**Hazard statements:**

H227, Combustible liquid.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H401, Toxic to aquatic life.

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

**Precautionary statements:**

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
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.  
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.  
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.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards**

**Other hazards:** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Contains:**

Name	CAS	%	GHS Classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	20-<50%	Skin Irrit. 2;Skin Sens. 1B;Aquatic Acute 2;Aquatic Chronic 1;H315-H317-H401-H410
Dihydromyrcenol	18479-58-8	5-<10%	Flam. Liq. 4;Acute Tox. 5;Skin Irrit. 2;Eye Irrit. 2A;Aquatic Acute 3;H227-H303-H315-H319-H402

2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	1-<5%	Eye Irrit. 2A;H319
Cedrol methyl ether	19870-74-7	1-<5%	Skin Sens. 1B;Aquatic Acute 1;Aquatic Chronic 1;H317-H410
Ethyl vanillin	121-32-4	1-<5%	Acute Tox. 5;Eye Irrit. 2B;Aquatic Acute 3;H303-H320-H402
alpha-Hexylcinnamaldehyde	101-86-0	1-<5%	Acute Tox. 5;Skin Sens. 1B;Aquatic Acute 1;Aquatic Chronic 2;H303-H317-H400-H411
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4;Aquatic Acute 2;H302-H401
Ethylene brassylate	105-95-3	1-<5%	Aquatic Acute 2;H401
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-05	1-<5%	Aquatic Acute 1;Aquatic Chronic 1;H410
Eucalyptol	470-82-6	0.1-<1%	Flam. Liq. 3;Acute Tox. 5;Eye Irrit. 2B;Skin Sens. 1B;Aquatic Acute 3;H226-H303-H317-H320-H402
Piperonal	120-57-0	0.1-<1%	Acute Tox. 5;Skin Sens. 1B;Aquatic Acute 2;H303-H317-H401
Neryl acetate	0141-12-8	0.1-<1%	Skin Sens. 1B;Aquatic Acute 2;H317-H401
Methyl atrarate	4707-47-5	0.1-<1%	Skin Sens. 1B;Aquatic Acute 2;H317-H401
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	0.1-<1%	Acute Tox. 5;Skin Sens. 1B;Repr. 2;Aquatic Acute 2;Aquatic Chronic 2;H303-H317-H361-H411
Menthol	89-78-1	0.1-<1%	Flam. Liq. 4;Acute Tox. 5;Skin Irrit. 2;Eye Irrit. 2B;Aquatic Acute 3;H227-H303-H315-H320-H402
1-Methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	52474-60-9	0.1-<1%	Aquatic Acute 1;Aquatic Chronic 1;H410
Isolongifolene ketone	23787-90-8	0.1-<1%	Skin Sens. 1B;Aquatic Acute 2;Aquatic Chronic 2;H317-H411

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3-(o-Ethylphenyl)-2,2-dimethylpropionaldehyde	67634-14-4	0.1-<1%	Skin Irrit. 2;Skin Sens. 1B;Aquatic Acute 3;Aquatic Chronic 2;H315-H317-H411
6,7-Dihydro-1,2,3,3-tetramethyl-5H-indanone	33704-61-9	0.1-<1%	Acute Tox. 5;Skin Irrit. 2;Eye Irrit. 2A;Skin Sens. 1B;Aquatic Acute 2;Aquatic Chronic 2;H303-H315-H319-H317-H411
Hexyl salicylate	6259-76-3	0.1-<1%	Skin Sens. 1B;Aquatic Chronic 1;H317-H410
Eugenol	97-53-0	0.1-<1%	Acute Tox. 5;Eye Irrit. 2A;Skin Sens. 1B;Aquatic Acute 2;H303-H317-H319-H401
alpha-Cedrene	469-61-4	0.1-<1%	Asp. Tox. 1;Aquatic Acute 1;H304-H410
Acetyl cedrene	32388-55-9	0.1-<1%	Acute Tox. 5;Skin Sens. 1B;Aquatic Acute 1;Aquatic Chronic 1;H303-H317-H410
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B;Asp. Tox. 1;Aquatic Chronic 4;H304-H317-H413
Methoxy dicyclopentadiene carboxaldehyde	86803-90-9	0.1-<1%	Acute Tox. 5;Skin Sens. 1B;Aquatic Acute 2;Aquatic Chronic 2;H303-H317-H411
6,6-Dimethoxy-2,5,5-trimethylhex-2-ene	67674-46-8	0.1-<1%	Flam. Liq. 4;Skin Irrit. 2;Aquatic Acute 3;Aquatic Chronic 3;H227-H315-H412
Allyl (cyclohexoxy)acetate	68901-15-5	0.1-<1%	Acute Tox. 4;Aquatic Acute 1;Aquatic Chronic 1;H302-H410
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3;Skin Irrit. 2;Skin Sens. 1B;Asp. Tox. 1;Aquatic Acute 1;Aquatic Chronic 1;H226-H304-H315-H317-H400-H412
alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	43052-87-5	0.1-<1%	Acute Tox. 2;Skin Sens. 1B;Aquatic Acute 2;Aquatic Chronic 2;H302-H313-H317-H411
2-Hydroxy-alpha,alpha,4-trimethylcyclohexanemethanol	42822-86-6	0.1-<1%	Flam. Liq. 3;Eye Dam. 1;Aquatic Acute 3;H226-H318-H402
delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4	0.1-<1%	Acute Tox. 4;Skin Irrit. 2;Skin Sens. 1A;Aquatic Acute 1;Aquatic Chronic 1;H302-H315-H317-H410
Oxacycloheptadeca-10-ene-2-one	28645-51-4	<0.1%	Aquatic Acute Chronic 1;H410

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**Substances with workplace exposure limits, not listed above:**

Not Applicable

#### **4. FIRST AID MEASURES**

**Description of first aid measures**

**Inhalation:**

Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:**

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

**Skin exposure:**

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

**Ingestion:**

Rinse mouth with water and obtain medical attention.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

#### **5. FIRE FIGHTING MEASURES**

**Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

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

**Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

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

**Environmental precautions:**

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

**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.

**Reference to other sections:**

Also refer to sections 8 and 13.

## **7. HANDLING AND STORAGE**

**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.

**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.

**Specific end use(s):**

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

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Workplace exposure limits:** Not Applicable

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Free flowing liquid without sediment
<b>Odour</b>	Characteristic
<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>	82 °C
<b>Evaporation rate</b>	Not determined
<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>	0.9360 - 0.9460
<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

### Other information:

Refractive Index @ 20C: 1.4691 - 1.4721

Flash Point (Fahrenheit): 180 °F

Calculated VOC: 3.26

Color Range: 3 Very Pale Yellow - 1 Very Pale Yellow

## 10. STABILITY AND REACTIVITY

**Reactivity:**

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

**Chemical stability:**

Good stability under normal storage conditions.

**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

## 11. TOXICOLOGICAL INFORMATION

**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 UN GHS.

**Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000

Acute Toxicity Dermal Not Applicable

Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:** Skin Corrosion / Irritation Category 2

**Serious eye damage/irritation:** Eye Damage / Irritation Category 2

**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**

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Dihydromyrcenol	18479-58-8	3600	Not available	Not available	Not available
Ethyl maltol	4940-11-8	1200	Not available	Not available	Not available
Ethyl vanillin	121-32-4	3000	Not available	Not available	Not available
alpha-Hexylcinnamaldehyde	101-86-0	3100	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

## 12. ECOLOGICAL INFORMATION

**Toxicity:**

Very toxic to aquatic life with long lasting effects.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

## 13. DISPOSAL CONSIDERATIONS

**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.

## 14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4. Packing Group:

<b>UN Model Regulations</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, alpha-Cedrene)	9	-	III
<b>IMDG</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, alpha-Cedrene) MARINE POLLUTANT	9	-	III
<b>ADR,RID,ADN</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, alpha-Cedrene)	9	-	III
<b>ICAO TI</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, alpha-Cedrene)	9	-	III

**Environmental hazards:**

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

**Special precautions for user:** None additional

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

Not applicable

## 15. REGULATORY INFORMATION

Essential Oil Components:

Name	CAS	%
CEDARWOOD OIL VIRGINIA	8000-27-9	0.1-<1%
PATCHOULI OIL MD	8014-09-3	0.1-<1%

Additional formulation properties

Name	CAS	%
Ethyl vanillin	121-32-4	1-<5%
Vanillin	121-33-5	<0.1%

Components listed on California's SB312

Name	CAS	%
DIOCTYL ADIPATE ( S ) "DOA"	103-23-1	20-<50%
LINALOOL	78-70-6	1-<5%
HEXYL CINNAMIC ALDEHYDE ( R )	101-86-0	1-<5%
EUGENOL	97-53-0	0.1-<1%
D-LIMONENE	5989-27-5	0.1-<1%

US Department Of Transport Bulk Packing Group: -

## 16. OTHER INFORMATION

### Concentration % Limits:

SCI 2=34.51% SCI 3=3.30% EDI 2A=63.90% SS 1=4.94% EH A2=20.87% EH A3=2.07% EH C1=89.45% EH C2=8.89% EH C3=0.88949295% EH C4=84.72%

### Total Fractional Values:

SCI 2=2.90 SCI 3=30.32 EDI 2A=1.56 SS 1=20.25 EH A2=4.79 EH A3=48.37 EH C1=1.12 EH C2=11.24 EH C3=112.42 EH C4=1.18

**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**



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