

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : September 12, 2022

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sandalwood Amber Fragrance Oil
Country of Origin	:	USA
Product use	:	Fragrance
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Reproductive Toxicity - Category 2

Serious eye damage/eye irritation - Category 2

Skin Sensitization - Category 1

Aspiration Hazard-Category 1

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

H305	May be harmful if swallowed and enters airways
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/
P302+P352	IF ON SKIN: Wash with plenty of water/

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308+P313	If exposed: Call a POISON CENTER or doctor/physician.
P321	Specific treatment (see ... on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container to ...

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Dioctyl Adipate	103-23-1	-	> = 50 %
Cedarwood Oil	8000-27-9	-	5 - 10 %
Patchouli Oil	8014-09-3	-	5 - 10 %
Citronellol	106-22-9	-	1 - 5 %
Ethyl Vanillin	121-32-4	-	1 - 5 %
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	-	1 - 5 %
Methyl gamma-ionone	127-51-5	-	1 - 5 %
Acetyl cedrene	32388-55-9	-	1 - 5 %
Cedrol	77-53-2	-	1 - 5 %
5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	-	1 - 5 %
Bergamot Oil	89957-91-5	-	1 - 5 %
Opoponax resin	9000-78-6/ 93384-32-8	-	0.1 - 1 %
Triethyl citrate	77-93-0	-	0.1 - 1 %
Petitgrain Oil	8014-17-3	-	0.1 - 1%
Benzyl Benzoate	120-51-4	-	<0.1%
Castoreum oil/tincture/liquid	8023-83-4	-	<0.1%
Benzyl Benzoate	120-51-4	-	<0.1%

NOTE:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray. Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon Monoxide, Carbon Dioxide

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip cleaning crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

May cause irritation. The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Light amber to amber clear liquid.

Odor	:	Characteristic odor.
Flash point	:	100°C
Relative density	:	0.926 to 0.946 @ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.456 to 1.476 @ 20 °C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable, non hazardous material.

Conditions to avoid

Avoid sparks, flame and excessive heat.

Incompatible materials

No additional information available.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

CITRONELLOL (106-22-9):

LD50 dermal 2650 mg/kg (Rabbit)

LD50 dermal 2650 mg/kg body weight

ATE CA (oral) 3450 mg/kg body weight

ATE CA (dermal) 2650 mg/kg body weight

DIOCTYL ADIPATE (103-23-1):

LD50 oral > 20000 mg/kg body weight (Rat)

LC50 inhalation (mg/l) > 5.7 mg/l air (Rat)

OPOPONAX RESIN (9000-78-6; 93384-32-8):

LD50 dermal 3600 mg/kg body weight

ATE CA (dermal) 3600 mg/kg body weight

TRIETHYL CITRATE (77-93-0):

LD50 oral 5900 mg/kg (Rat)

LD50 dermal > 5000 mg/kg (Rabbit)

ATE CA (oral) 5900 mg/kg body weight

ACETYL CEDRENE (32388-55-9):

LD50 oral > 2000 mg/kg (Rat)

LD50 dermal > 2000 mg/kg (Rabbit)

LINALOOL (78-70-6):

LD50 oral 2790 mg/kg (Rat)

LD50 dermal 5610 mg/kg (Rat)

LD50 dermal > 5000 mg/kg (Rabbit)

ATE CA (oral) 2790 mg/kg body weight

ATE CA (dermal) 5610 mg/kg body weight

d-Limonene (5989-27-5):

LD50 oral > 2000 mg/kg body weight (Rat)

LD50 dermal > 5000 mg/kg body weight (Rabbit)

ALPHA PINENE (80-56-8):
LD50 oral 3700 mg/kg (R)

Carcinogenicity

None of the components of this material are listed as a carcinogen.

Chronic toxicity

May cause allergic reactions on skin.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat.

Skin contact

May irritate the skin. Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

May irritate the eyes. Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability

Not available.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

TSCA

All products are listed on the United States TSCA inventory.

California Proposition 65

• This product can expose you to beta myrcene , which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : September 12, 2022

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.