

**1. PRODUCT AND COMPANY IDENTIFICATION**

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Product name	:	Juniper Berry Essential Oil (India)
Botanical name	:	Juniperus communis
INCI name	:	Juniperus Communis Fruit Oil
CAS #	:	8002-68-4 / 73049-62-4 / 84603-69-0
Country of Origin	:	India
EINECS #	:	- / - / 283-268-3
Product use	:	Domestic and Industrial
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**

Flammable Liquid - Category 3

Aspiration Toxicity - Category 2

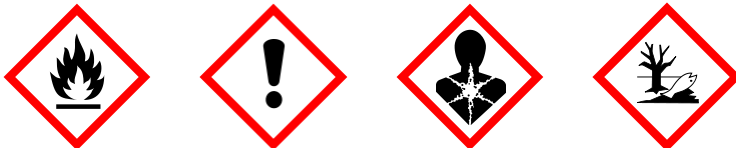
Skin corrosion/irritation - Category 2

Skin Sensitization Category 1

Serious eye damage/eye irritation - Category 2A

Hazardous to aquatic environment - Short Term- Category 2

Hazardous to aquatic environment - Long Term- Category 2

**GHS Label elements, including precautionary statements**

Signal: Danger

**Hazard statement(s)**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long-lasting effects.

#### Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
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.
P273	Avoid release to the environment.
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.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P321	Specific treatment (see section 4 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	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

#### Other Info

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Juniperus Communis Fruit Oil	8002-68-4 / 73049-62-4 / 84603-69-0	- / - / 283-268-3	100 %

## 4. FIRST AID MEASURES

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### **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

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### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

### **Unsuitable extinguishing media**

Water spray, water jet.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. 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 oxides.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Personal precautions, protective equipment and emergency procedures.**

Equip clean 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

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### **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

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### **Eyes**

Use tightly sealed goggles.

### **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.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Colorless to light yellow liquid.
Odor	:	Warm spicy, pungent and peculiar characteristic of berries.
Flash point	:	38 °C
Relative density	:	0.840 to 0.870 @ 25 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.460 to 1.481 @ 25 °C
Optical rotation	:	+5° to +22° @ 25 °C

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## **10. STABILITY AND REACTIVITY**

### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

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## **11. TOXICOLOGICAL INFORMATION**

### **Chronic toxicity**

May cause allergic reactions on skin.

### **Reproductive toxicity**

No adverse effects on reproduction are known.

### **Inhalation**

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

### **Skin contact**

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

### **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

### **Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

### **Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

## **12. ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Not available.

### **Mobility in soil**

Not available.

### **Other adverse effects**

Not available.

## **13. DISPOSAL CONSIDERATION**

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

## **14. TRANSPORT INFORMATION**

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### **UN Number**

1169

### **UN proper shipping name**

Extracts, aromatic, liquid

### **Transport hazard class**

3

### **Packing group**

III

### **US DOT Shipping Description (Land)**

1169

### **Proper shipping name**

Extracts, aromatic, liquid

### **Class**

3

### **Packaging group**

III

### **IMO-IMDG Shipping Description (Sea)**

1169

### **Proper shipping name**

Extracts, aromatic, liquid

### **Class**

3

### **Packaging group**

III

**IATA Shipping Description (Air)**

1169

**Proper shipping name**

Extracts, aromatic, liquid

**Class**

3

**Packaging group**

III

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**15. REGULATORY INFORMATION**

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list: MYRCENE).

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**16. OTHER INFORMATION**

Revision date : August 31, 2018

**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.