

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Juniper Berry Organic Essential Oil
Botanical name	:	Juniperus communis
INCI name	:	Juniperus Communis Berry Oil
CAS #	:	8002-68-4 / 84603-69-0
Country of Origin	:	Bulgaria / Hungary
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 hazard - Toxicity - Category 1

Skin corrosion/irritation - Category 2

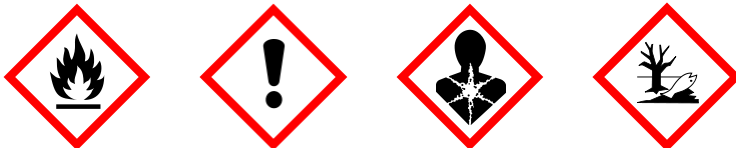
Skin sensitization - Category 1

Eye damage/irritation -Category 2

Hazardous to the aquatic environment - Acute Category 2.

Hazardous to the aquatic environment - Chronic - Category 2

### GHS Label elements, including precautionary statements



Signal: Danger

### Hazard statement(s)

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
H410	Very toxic to aquatic life with long-lasting effects

**Precautionary statement(s)**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
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 or doctor/physician
P302+P352	IF ON SKIN: wash with plenty of soap and water
P331	Do NOT induce vomiting.
P362+P364	Take off contaminated clothing and wash it before reuse.

**3. COMPOSITION / INFORMATION INGREDIENTS**

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

**4. FIRST AID MEASURES****Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and rinse under eyelids. Get medical attention if irritation occurs.

**Skin contact**

Wash with plenty of water, remove contaminated clothing immediately. If irritation persists, or if there is any small lesion, consult a doctor.

**Inhalation**

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

**Ingestion**

Immediately rinse mouth and drink water. Keep person under observation. Do not induce vomiting. Seek medical attention or contact local poison control center.

**5. FIRE FIGHTING MEASURES****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****Personal precautions, protective equipment and emergency procedures.**

Wear protective gloves, protective clothing, eye protection and face protection. Do not inhale explosion and combustion gasses. Eliminate all ignition sources. Ventilate area.

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Colorless to pale yellow liquid.
Odor	:	Characteristic juniper odor.
Flash point	:	41°C
Relative density	:	0.840 to 0.893 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.461 to 1.483 @ 20°C
Optical rotation	:	(-25°) to (-5°) @ 20°C

## 10. STABILITY AND REACTIVITY

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### 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.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

LD50 (Oral): 6280 mg/kg (Rat)

### Chronic toxicity

May cause allergic reactions on skin.

### 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

**15. REGULATORY INFORMATION**

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**California Proposition 65**

• This product can expose you to beta-Mycrene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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