

## SECTION 1: Identification

### 1.1. Identification

Product form : Substance  
Substance name : Juniperberry Oil  
CAS No : 8002-68-4

### 1.2. Recommended use and restrictions on use

Recommended use : Ingredients used in Flavors and Fragrances.

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
[www.camdengrey.com](http://www.camdengrey.com)

### 1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Flammable liquids, Category 3	Flammable liquid and vapour
Skin corrosion/irritation, Category 2	Causes skin irritation
Sensitisation — Skin, category 1	May cause an allergic skin reaction
Hazardous to the aquatic environment — Chronic Hazard, Category 1	Very toxic to aquatic life with long lasting effects

### 2.2. GHS Label elements, including precautionary statements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

Flammable liquid and vapour  
Causes skin irritation  
May cause an allergic skin reaction  
Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/Bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/... equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Avoid breathing dust/fume/gas/mist/vapours/spray  
Wash ... thoroughly after handling  
Contaminated work clothing must not be allowed out of the workplace  
Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection  
If on skin: Wash with plenty of water/...  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
Specific treatment (see ... on this label)  
If skin irritation occurs: Get medical advice/attention  
If skin irritation or rash occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse

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Wash contaminated clothing before reuse  
In case of fire: Use ... to extinguish Collect spillage  
Store in a well-ventilated place. Keep cool  
Dispose of contents/container to ...

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Name : Juniperberry Oil

CAS No : 8002-68-4

Name	Product identifier	%	GHS-US classification
ALPHA-PINENES	(CAS No) 80-56-8	45 - 54	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
BETA-PINENES	(CAS No) 127-91-3	16 - 24	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
MYRCENE	(CAS No) 123-35-3	6 - 12	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304

Full text of classification categories and H statements : see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Move to fresh air. In case of unconsciousness place patient stably in side position for transportation.

First-aid measures after skin contact : Wash with plenty of soap and water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Carbon dioxide. Sand. Extinguishing Powder.

Unsuitable extinguishing media : Water.

### 5.2. Specific hazards arising from the chemical

No additional information available

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Wear recommended personal protective equipment.

## SECTION 6: Accidental release measures

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

General measures : Wear protective clothing.

#### 6.1.1. For non-emergency personnel

No additional information available

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### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Do not allow to enter drains or water courses.

### 6.3. Methods and material for containment and cleaning up

For containment : Do not allow product to reach sewage system or any water course.

Methods for cleaning up : Absorb with liquid-binding material.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage area : Store in a well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### ALPHA-PINENES (80-56-8)

Not applicable

#### BETA-PINENES (127-91-3)

Not applicable

#### MYRCENE (123-35-3)

Not applicable

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves. Protective goggles.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Volatile clear mobile liquid.
Color	: Colorless to light yellow-green
Odour	: Characteristic of berries
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 131 - 172 °C
Flash point	: 41 °C

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Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.844 - 0.875
Solubility	: Water: < 0.1
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO<sub>x</sub>).

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No decomposition if used according to specifications.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Do not remove as household garbage. Do not allow into drains or water courses.

Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### TDG

Not regulated

#### Transport by sea

Transport document description (IMDG) : UN 1169 Extracts, Aromatic, Liquid (alpha-Pinene; beta-Pinene; d-Limonene; Terpinolene), 3, III

UN-No. (IMDG) : 1169

Proper Shipping Name (IMDG) : Extracts, Aromatic, Liquid (alpha-Pinene; beta-Pinene; d-Limonene; Terpinolene)

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Marine pollutant : Yes



#### Air transport

Transport document description (IATA) : UN 1169 EXTRACTS, AROMATIC, LIQUID (alpha-Pinene; beta-Pinene; d-Limonene; Terpinolene), 3, III

UN-No. (IATA) : 1169

Proper Shipping Name (IATA) : EXTRACTS, AROMATIC, LIQUID (alpha-Pinene; beta-Pinene; d-Limonene; Terpinolene)

Class (IATA) : 3 - Flammable Liquids

Packing group (IATA) : III - Minor Danger

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

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### ALPHA-PINENES (80-56-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### BETA-PINENES (127-91-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2. International regulations

### CANADA

No additional information available

### EU-Regulations

No additional information available

### National regulations

No additional information available

## 15.3. US State regulations

### ALPHA-PINENES (80-56-8)

U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16: Other information

Full text of H-statements:

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
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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