



Essential Oils, Skincare & Aromatherapy Products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: **Juniperberry Oil**

SUPPLIER: Celtic Tree Oils, Carlingford, Co. Louth, Ireland, A91 D86V

PRODUCT NUMBER: **25**

CAS NUMBER: 8002-68-4 / 73049-62-4 / 84603-69-0

EC NUMBER: - / - / 283-268-3

INCI: Juniperus Communis Fruit Oil

IDENTIFIED USES: Suitable for fragrance, flavour, cosmetic and professional use only.

BIOLOGICAL DEFINITION: Juniperus Communis Fruit Oil is the volatile oil obtained from the berries of the Juniper, Juniperus communis L., Cupressaceae.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flam. Liq. 3 - H226
- HEALTH HAZARDS: Acute Tox. 4 H302
Asp. Tox. 1 – H304
Skin Irrit. 2 – H315
Skin Sens. 1 –H317
- ENVIRONMENTAL HAZARDS: Aquatic Acute 1 - H400
Aquatic Chronic 1 – H410

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

DANGER

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H410 Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing mist/vapours/spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P331 Do NOT induce vomiting.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P370+P378 In case of fire: Use Foam, carbon dioxide or dry powder to extinguish.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents in accordance with local, state or national legislation.</p>
SUPPLEMENTARY PRECAUTIONARY STATEMENTS:	P264 Wash hands and exposed skin thoroughly after handling.
CONTAINS:	alpha-Pinene, beta- Pinene, Limonene, Beta-Caryophyllene

3: COMPOSITION/INFORMATION ON INGREDIENTS

45.0 - 55.0% alpha-Pinene

CAS NUMBER: 80-56-8

EC NUMBER: 201-291-9

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3 -H226
 Acute Tox. 4 - H302
 Asp. Tox. 1- H304
 Skin Irrit. 2- H315
 Skin Sens. 1- H317
 Aquatic Acute 1- H400
 Aquatic Chronic 1 H410

25.0 – 35.0% beta- Pinene

CAS NUMBER: 127-91-3

EC NUMBER: 204-872-5

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3 – H226
 Asp. Tox. 1 - H304
 Skin Irrit. 2 - H315
 Skin Sens. 1 -H317
 Aquatic Acute 1 - H400
 Aquatic Chronic 1 - H410

<11.0% d-Limonene

CAS NUMBER: 5989-27-5

EC NUMBER: 227-813-5

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3 - H226
 Asp. Tox. 1 - H304
 Skin Irrit. 2 - H315
 Skin Sens. 1 -H317
 Aquatic Acute 1 - H400
 Aquatic Chronic 1 - H410

1.0 - 5.0% beta-Caryophyllene

CAS NUMBER: 87-44-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-746-1

Asp. Tox. 1 – H304

Skin Sens. 1B H317

1.0 – 2.0% alpha-Terpineol

CAS NUMBER: 98-55-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-680-6

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

1.0 - 2.0% Camphene

CAS NUMBER: 79-92-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-234-8

Flam. Sol. 1- H228

Eye Irrit. 2 – H319

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

<1.0% Myrcene

CAS NUMBER: 123-35-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-622-5

Flam. Liq. 3 - H226

Asp. Tox. 1 - H304

Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

<1.0% Terpinolene

CAS NUMBER: 586-62-9

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 209-578-0

Asp. Tox. 1 – H304

Skin Sens. 1 -H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

<1.0% p-Cymene

CAS NUMBER: 99-87-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-796-7

Flam. Liq. 3 – H226

Asp Tox. 1 – H304

Skin Irrit. 2- H315

Eye Irrit. 2- H319

STOT SE 3- H335

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: FIRST AID MEASURES

INHALATION:	Remove from exposure area to fresh air. Get medical advice/attention.
INGESTION:	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention if symptoms persist.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
EYE CONTACT:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
GENERAL INFORMATION:	No additional data available.
NOTES FOR THE DOCTOR:	Treat symptomatically.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Foam, carbon dioxide or dry powder.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	When heated and in case of fire, irritating vapours/gases may be formed.
EXTINGUISHING PROCEDURES:	Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways. Water spray should be used to cool containers.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground. Keep away from surface and ground water.
CLEANING UP METHODS FOR SPILLAGES:	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

7: HANDLING AND STORAGE

USAGE PRECAUTIONS:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Keep original container closed. Avoid contact with skin and eyes.
OCCUPATIONAL HYGIENE:	Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep away from heat, sparks and open flame. Avoid exposing to high temperatures during processing.
STORAGE PRECAUTIONS:	Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

ENGINEERING MEASURES:

RESPIRATORY EQUIPMENT:

HAND PROTECTION:

EYE PROTECTION:

OTHER PROTECTION:

HYGIENE MEASURES:

PERSONAL PROTECTION:

SKIN PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

Provide eyewash station.

Provide adequate ventilation or respiratory protection.

Generally unnecessary in a well-ventilated area. If ventilation is insufficient, respiratory protection must be worn.

Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation.

Avoid contact with eyes.

Wear safety goggles in accordance with standard EN166.

Wear appropriate clothing to prevent any possibility of skin contact.

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Use personal protection when handling.

Wear appropriate protective clothing to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Mobile liquid, colourless to yellow.

COLOUR:

Colourless to yellow.

ODOUR:

Characteristic.

RELATIVE DENSITY:

Approx. 0.866 @ 20°C

FLASH POINT (°C):

41

REFRACTIVE INDEX:

Approx. 1.475 @ 20°C

MELTING POINT (°C):

No additional data available.

BOILING POINT (°C):

No additional data available.

VAPOUR PRESSURE:

No additional data available.

SOLUBILITY IN WATER @20°C:

No additional data available.

AUTO-IGNITION TEMPERATURE (°C):

No additional data available.

10: STABILITY AND REACTIVITY

REACTIVITY:	Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use.
CHEMICAL STABILITY:	Stable under the recommended handling and storage conditions in section 7.
POSSIBLE HAZARDOUS REACTIONS:	Not expected under normal temperature conditions and recommended use
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.
INCOMPATIBLE MATERIALS:	Avoid contact with strong acids, alkalis and oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes oxides.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Harmful if swallowed.
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.
STOT-SINGLE EXPOSURE:	Not classified.
STOT-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	May be fatal if swallowed and enters airways.
PHOTO-TOXICITY:	Not classified.
OTHER INFORMATION:	Not classified.

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Very toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND VPVB ASSESSMENT:	No additional data available.
PRECAUTIONS:	Do not allow product to enter streams, sewers and other waterways.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Do not allow entry into drains or waterways. Waste: Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.
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14: TRANSPORT INFORMATION

UN No. ROAD: 1169
UN No. SEA: 1169
UN No. AIR: 1169
PROPER SHIPPING NAME: Extracts, Aromatic, Liquid.

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS: 3
- IMDG CLASS: 3
- ICAO CLASS: 3



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ICAO PACKING GROUP: III

ENVIRONMENTAL HAZARDS: Environmentally Hazardous Substance/Marine Pollutant.



SPECIAL PRECAUTIONS FOR USER: This product is flammable and dangerous for the environment.
Tunnel restriction code D/E.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: -

15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU LEGISLATION: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

GUIDANCE: Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
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.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.