



MSDS- JUNIPERBERRY

Compilation date: 18/05/2017

Revision date: 03/11/17

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

Product name: Juniperberry

CAS number: 84603-69-0

EINECS number: 283-268-3

INCI name: JUNIPERUS COMMUNIS FRUIT OIL

1.2 Use of substance / mixture: Flavour and Fragrance

1.3 Details of the supplier of the MSDS

Company name: Amour Natural

Unit 6 Adlam's Central Park, Wirral Park Road, Glastonbury BA6 9XE

Tel: 01458 898030

Email: info@amournatural.co.uk

1.4 Emergency telephone number

01458 898030

Section 2: Hazards Identification

2.1. Classification under CLP:

Skin Irrit. 2: H315; Skin Sens. 1: H317; Flam. Liq. 1: H224; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 1: H410

Most important adverse effects:

Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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.

H410: Very toxic to aquatic life with long lasting effects.

[cont...]

Hazard pictograms:

GHS07: Exclamation mark

GHS09: Environmental

GHS08: Health hazard

GHS02: Flame



Signal Words: Danger

Precautionary statements:

P261: Avoid breathing Dust/fumes/gas/mist/vapours/spray.

P264: Wash Hands and skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

Chemical Identity: Juniperberry

CAS number: 84603-69-0

EINECS number: 283-268-3

Contains:

ALPHA-PINENE

EINECS: 201-291-9

CAS: 80-56-8

CLP Classification: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304

Percent: 30-50%

D-LIMONENE

EINECS: 227-813-5

CAS: 5989-27-5

CLP Classification: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410

Percent: 1-10%

Non-classified ingredients:

PIN-2(10)-ENE (BETA-PINENES)

EINECS: 204-872-5

CAS: 127-91-3

Percent: 30-50%

CAMPHENE

Percent: 1-10%

BETA-CARYOPHYLLENE

EINECS: 201-746-1

CAS: 87-44-5

CLP Classification: Asp. Tox. 1: H304

Percent: 1-10%

TERPINOLENE

CAS: 586-62-9

Percent: <1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Continue to rinse for at least 15 minutes. Consult a doctor.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove to fresh air if exposed. Remove any contaminated clothing. If breathing is difficult get medical help

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Causes skin irritation

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media: Carbon dioxide. Foam. Dry chemical powder.

5.2. Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. smoke

5.3. Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions: Avoid inhalation of vapours. No smoking, sparks, flames or other ignition sources near spillage Provide adequate ventilation, avoid contact with skin and eyes.

6.2. Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up: Contain spilled material with an inert or non-combustible inorganic absorbent material. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash thoroughly after dealing with spillage.

6.4. Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 4 - First Aid Measures.

Section 7: Handling and storage

7.1. Handling requirements: Ensure there is sufficient ventilation of the area. Keep away from sources of ignition Apply good manufacturing practice and industrial hygiene practices. Observe good personal hygiene. No smoking. Do not eat or drink.

7.2. Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Avoid exposure to light and heat. Recommended storage at ambient temperature

Section 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/PNEC Values

DNEL / PNEC

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Facilities storing or utilising this material should be equipped with an eyewash facility.

Respiratory protection: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection: Use chemical resistant gloves

Eye protection: Safety goggles.

Skin protection: Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact

Environmental: Avoid discharging into drainage water

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Clear Liquid

Colour: Colourless to yellow

Odour: Fresh rich balsamic woody piney

Solubility in water: Insoluble

Flash point°C: 35

Relative density: 0.858 - 0.874

9.2. Other information

Other information: Refractive index ~ 1.485 - 1.53 @ 20°C

Section 10: Stability and reactivity

10.1. Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Conditions to avoid: Heat. Flames. Sources of ignition.

10.4. Incompatible materials-Materials to avoid: Oxidising agents.

10.5. Hazardous decomposition products: In case of fire or high temperatures, toxic gases (CO, CO₂, NO_x) may be formed.

Section 11: Toxicological information

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation		No hazard: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
Aspiration hazard	-	No hazard: calculated

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated

Section 12: Ecological information

12.1. Ecotoxicity values: No data available.

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulative potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects: Very toxic to aquatic life with long lasting effects. May cause long-term adverse effects in the aquatic environment.

Section 13: Disposal considerations

13.1. Avoid disposing to drainage systems and into the environment. Dispose of in accordance with local regulations. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

- 14.1. UN number: UN1169
- 14.2. UN proper shipping name: Extracts, aromatic, liquid. (DIPENTENE)
- 14.3. Transport hazard class: 3
- 14.4. Packing group: III
- 14.5. Environmentally hazardous: Yes
- 14.6 Marine pollutant: Yes
- 14.7. Tunnel code: D/E
- 14.8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk: EmS: F-E;S-D Hazchem Code 3YE

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Regulation (EC) No 1272/2008 of the European Parliament and the council of 16 December 2008 on classification, labeling and packaging of substances and mixtures
(as amended).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Phrases used in s.2 and s.3:

Legal disclaimer:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.