



Snow Lotus Aromatherapy

SAFETY DATA SHEET Juniper Berry Essential Oil

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

Product Identifier

Trade Name: Juniper Berry Oil AT 017
Article Number: AT 017
CAS Number: 8012-91-7

Relevant identified uses of the substance or mixture and uses advised against
Application of the substance/the preparation: Multi uses

Details of the supplier of the safety data sheet

Company Name: Snow Lotus Inc.
Address: 47 Foley Street
Santa Rosa, CA 95401
Phone Number: 800-682-8827
Email: info@snowlotus.org

Emergency Phone Number
CHEMTREC: 800-424-9300

SECTION 2: Hazard Identification

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flam. Liq. 3

H226: Flammable liquid or vapor.



GHS08 Health Hazard

Asp. Tox. 1

H304: May be fatal if swallowed and enters airways.



GHS09 Environment

Aquatic Acute 1 H400: Very toxic to aquatic life.

Aquatic Chronic 1 H410: Very toxic to aquatic life with long lasting effects.



GHS07

Skin Sens. 1

H317: May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R65: Harmful; may cause lung damage if swallowed.



Xn; Sensitizing

R43: May cause sensitization by skin contact.



N; Dangerous for the environment

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10: Flammable

Information concerning particular hazards for humans and environment:

The product has to be levelled due to the calculation procedure of the "General Classification guideline for preparation of the EU" in the latest valid version.

Classification System:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Label Elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard Pictograms



GHS02 GHS07 GHS08 GHS09

Signal Word: Danger

Hazard-determining Components of Labeling:

Pin-2(3)-ene
7-methyl-3-methylenoocta-1, 6-diene
(S)-p-mentha-1, 8-diene
b ta pin ne

Hazard Statements

H226 Flammable liquid and vapor.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P241 Use explosion-proof electrical/ventilation/lighting/equipment.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P405 Store locked up.
P501 Dispose of contents/containers in accordance with local/regional/national/international regulations

Other Hazards**Results of PBT and vPvB Assessments**

PBT: Not applicable
vPvB: Not applicable

SECTION 3: Composition/information on ingredients**Chemical Characterization: Substances****CAS No. Description**

8002-68-4 Juniper Berry Oil

Identification Number(s)

EINECS Number: 283-268-3

Chemical Characterization: Mixtures**Description:**

NCS (UVCB) Constituents Information

Hazardous Components		
CAS: 80-56-8 EINECS: 201-291-9	Pin-2(3)-ene Xn R65; Xi R43, N R50/53 R10 Flam. Liq. 3 H226; Asp. Tox. 1 H304; Aquatic Acute 1 H400; Aquatic Chronic 1 H410; Skin Sens. 1 H317	25-50%
CAS: 123-35-3 EINECS: 204-622-5	7-methyl-3-methylenoocta-1, 6-diene Xn R65 R10 Flam. Liq. 3 H226; Asp. Tox. 1 H304, Aquatic Chronic 3 H412	10-25%
CAS: 5989-54-8 EINECS: 227-815-6	(S)-p-mentha-1, 8-diene Xi R38; Xi R43; N R50/53 R10 Flam. Liq. 3 H226; Aquatic Acute 1 H400; Aquatic Chronic 1 H410; Skin Irrit. 2 H315; Skin Sens. 1 H317	2.5-10%
CAS: 127-91-3 EINECS: 204-872-5	b�ta pin�ne Xn R65; Xi R43; N R50/53 R10 Flam. Liq. 3 H226; Asp. Tox. 1 H304; Aquatic Acute 1 H400; Aquatic	2.5-10%

	Chronic 1 H410; Skin Sens. 1 H317	
CAS: 87-44-5 EINECS: 201-746-1	beta-caryophyllene Xn R65 Asp. Tox. 1 H304	≤ 2.5%
CAS: 562-74-3 EINECS: 209-235-5	p-menth-l-en-4-ol Xn R22; Xi R38 Acute Tox. 4 H302; Skin Irrit. 2 H315; Eye Irrit. 2 H319	≤ 2.5%
CAS: 99-85-4 EINECS: 202-794-6	gamma terpinène Xn R65 Flam. Liq. 3 H226; Asp. Tox. 1 H304	≤ 2.5%
CAS: 586-62-9 EINECS: 209-578-0	terpinolène Xn R65; N R51/53 R10 Flam. Liq. 3 H226; Asp. Tox. 1 H304; Aquatic Chronic 2 H411	≤ 2.5%
CAS: 99-87-6 EINECS: 202-796-7	p-cymene Xn R65; N R51/53 R10 Flam. Liq. 3 H226; Asp. Tox. 1 H304; Aquatic Chronic 2 H411	≤ 2.5%
CAS: 79-92-5 EINECS: 201-234-8	camphene Xi R36; F R11; N R50/53 R10 Flam. Sol. 2 H228; Aquatic Acute 1 H400; Aquatic Chronic 1 H410; Eye Irrit. 2 H319	≤ 2.5%

Additional Information: For the wording of the listed risk phrases refer to Section 16.

SECTION 4: First Aid Measures

Description of first aid measures.

After Inhalation: Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air.

After Skin Contact: Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
If skin irritation continues, consult a doctor.

After Eye Contact: Rinse opened eye for several minutes under running water.

After Swallowing: Inform doctor. Do not give milk or fatty oils.

Information for doctor:

Most important symptoms and effect, both acute and delayed.

No further relevant information available.

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

SECTION 5: Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Agents: CO₂, sand, extinguishing powder. Do not use water.
CO₂, powder, foam

For Safety Reasons Unsuitable Extinguishing Agents: Water
Water with full jet

Special Hazards Arising from the Substance/Mixture: Carbon Monoxide (CO)

Advice for firefighters

Protective Equipment: No special measures required.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to Section 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal precautions.
See Section 13 for disposal information.

SECTION 7: Handling and Storage

Handling:

Precautions for Safe Handling: Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about Fire – and Explosion Protections: Keep ignition sources away – Do not smoke.
Protect against electrostatic charges.

Conditions for Safe Storage, Including any Incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.
Store in the dark.

Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see Section 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

Additional Information: The lists valid during the making were used as basis.

Exposure controls

Personal Protective Equipment:

General Protective and Hygiene Measures: Keep away from food stuff, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Respiratory Protection: Not required.

Protection of Hands:



Protective gloves

The glove material has to be impermeable and resistant to the product the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of Gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration Time of Glove Material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye Protection:



Tightly sealed goggles

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Color:

Colorless to pale yellow

Odor:

Characteristic

pH-value:

Not determined.

Change in Condition

Melting Point/Melting Range:

Undetermined.

Boiling Point/Boiling Range:

Undetermined.

Flashpoint (Pensky Martens DIN 51 758 method): 40°C

Ignition Temperature:

Decomposition Temperature:

Not determined.

Self-igniting:

Product is not self-igniting.

Danger of Explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosive LimitsL

Lower:

Not determined.

Upper:

Not determined.

Density at 20°C:

0.85 g/cm³

Vapor Density:

Not determined.

Evaporation Rate:

Not determined.

Solubility in/Miscibility with Water:

Not miscible or difficult to mix.

Segregation Coefficient (n-octanol/water):

Not determined.

Viscosity:

Dynamic:

Not determined.

Kinematic:

Not determined.

Other Information:

No further relevant information available.

SECTION 10: Stability and reactivity

Reactivity

Chemical Stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of Hazardous Reactions: No dangerous reactions known.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No dangerous decomposition products known.

SECTION 11: Toxicological Information

Information on Toxicological Effects

Acute Toxicity:

Primary Irritant Effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: Sensitization possible through skin contact.

Additional Toxicological Information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

Sensitization May cause sensitization by skin contact.

SECTION 12: Ecological Information

Toxicity

Aquatic Toxicity:

No further relevant information available.

Persistence and Degradability:

No further relevant information available.

Behavior in Environmental Systems:

Bioaccumulative Potential:

No further relevant information available.

Mobility in Soil:

No further relevant information available.

Ecotoxical Effects:

Remark:

Very toxic for fish.

Additional Ecological Information:

General Notes:

Do not allow product to reach ground water, water course or sewage systems, even in small quantities.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms.

Results of PBT and vPvB Assessments

PBT:

Not applicable.

vPvB:

Not applicable.

Other Adverse Effects:

No further relevant information available.

SECTION 13: Disposal Considerations

Waste Treatment Methods

Recommendations:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned Packaging:

Recommendations:

Disposal must be made according to official regulations.

SECTIONS 14: Transport Information

Land Transport ADR/RID (cross-border)



ADR/RID Class: 3 (F1) Flammable Liquids.
Danger Code (Kemler): 30
UN-Number: 1169
Packaging Group: III
Hazard Label: 3
Special Marking: Symbol (fish and tree)
UN Proper Shipping Name: 1169 EXTRACTS, AROMATIC, LIQUID (not viscous)
Tunnel Restriction Code: D/E

Marine Transport IMDG:



IMDG Class: 3
UN Number: 1169
Label: 3
Packing Group: III
EMS Number: F-E, S-D
Marine Pollutant: Yes
Symbol (fish and tree)
Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID (alpha-PIENE, (S)-p-mentha-1, 8-diene)

Air Transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 3
UN/ID Number: 1169
Label: 3
Packing Group: III
Proper Shipping Name: EXTRACT, AROMATIC, LIQUID

UN "Model Regulation": UN1169, EXTRACTS, AROMTIC, LIQUID, 3, III

Environmental Hazards: Product contains environmentally hazards substances: pin-2(3)-ene, (S)-p-mentha-1, 8-diene

Special precautions for user Warning: Flammable liquids.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory Information

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information

Relevant Phrases

H226 Flammable liquid and vapor.
H228 Flammable solid.
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,
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

 R10 Flammable.
 R11 Highly flammable.
 R22 Harmful if swallowed.
 R36 Irritating to eyes.
 R38 Irritating to skin.
 R43 May cause sensitization by skin contact.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 Harmful: may cause lung damage if swallowed.

Department issuing SDS: Department Essential Oils

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

***Data compared to the previous version altered.**