

Material Safety Data Sheet

1. Identification of the substance

Product Name: 3-pyrrolidin-1-ylpropan-1-ol
CAS Number: 19748-66-4
Catalog number: A846843
Supplier: Amadis Chemical Co., Ltd.
Swatts Cosine.No.166.Xiangmao Road.310015.
Hangzhou,Zhejiang,P.R.China
Tel:0086-571-89925085 Fax:0086-571-89925065

2. Composition/information on ingredients.

Ingredient name: 3-(pyrrolidin-1-yl)propan-1-ol
Molecular formula: C7H15NO
Molecular weight: 129.2

3. Hazards identification

3.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids(Category 2) H225

Skin corrosion/irritation(Category 1B) H314

No Resource File

3.2 GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement(s)

H225 Highly flammable liquid and vapour

H314 Causes severe skin burns and eye damage

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. – No Smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501 Dispose of contents/container to in accordance with local regulation

3.3 Associated risk phrases according to european directive 67/548/EEC

Hazard symbol(s)



R-phrases

R11 H Highly flammable.

R34 Causes burns.

S-phrases

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe gas/fumes/vapour/spray.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4. First aid measures

- Skin contact:** Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
- Eye contact:** Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
- Inhalation:** Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- Ingestion:** Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

5. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use drypowder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

6. Accidental release measures

- Personal precautions:** Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
- Respiratory precaution:** Wear approved mask/respirator
- Hand precaution:** Wear suitable gloves/gauntlets
- Skin protection:** Wear suitable protective clothing

Eye protection: Wear suitable eye protection
Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions: Do not allow material to enter drains or water courses.

7. Handling and storage

Handling: This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.
Storage: Store in cool, well ventilated area. Keep container tightly closed.

8. Exposure Controls / PPE

Engineering Controls: Use only in a chemical fume hood.
Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Appearance : Liquid
Odor: No data.
Boiling point: 216.9°C
Melting point: No data
Flash point: No data.
Density: No data

10. Stability and reactivity

Reactivity: no data
Chemical stability: no data
Possibility of hazardous reactions: no data
Conditions to avoid: no data
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: Other decomposition products - no data available

11. Toxicological information

Acute Toxicity: No date
Skin corrosion/irritation: Irritant for skin and mucous membranes
Serious eye Damage/irritation: Irritant effect
Respiratory or skin sensitization: No date
Germ Cell mutagenicity: No date
Carcinogenicity: No date
Reproductive toxicity: No date
STOT-single exposure: No date
STOT-repeated exposure: No date
Aspiration hazard: No date

12. Ecological information

Toxicity: No data
Persistence and degradability: No data
Bio accumulative potential: No data
Mobility in soil: No data
Results of PBT and vPvB assessment: No data
Other adverse effects: No data

13. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

14. Transportation information

DOT (US)

UN number: 1993 Class: 3 Packing group: II

Proper shipping name: Flammable,liquid,organic,n.o.s.

Environmental hazards:No

IMDG

UN number: 1993 Class: 3 Packing group: II

Proper shipping name: Flammable,liquid,organic,n.o.s.

Environmental hazards:No

IATA

UN number: 1993 Class: 3 Packing group: II

Proper shipping name: Flammable,liquid,organic,n.o.s.

Environmental hazards:No

15. Regulatory information

Safety, health and environmental and national regulations:

Product is not subject to any additional regulations or provisions

Safety Assessment

No Chemical Safety Assessment

16. Other information

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.