



Zibo Honors Chemical Co., Ltd

Add: Wutai Industrial Zone, Linzi Dist.Zibo, Shandong,China

Tel: +86-533-7167159 Fax: +86-533-7167159 P.C:255420

Http://www.honors.com.cn E-mail: honors@honors.com.cn

Chemical Safety Data Sheet

Section 1 IDENTIFICATION

Product Name: Methallyl alcohol.

Other Name: /

Recommended use of the chemical and restrictions on use: Raw material of flavor and resin.

Supplier's details: Zibo Honors Chemical Co.,Ltd.

Emergency phone number: +86-533-7167159

Section 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Flammable liquids Category 3.

GHS Label elements, including precautionary statements:



Signal word: Warning

Hazard statement(s): Flammable liquid and vapour.

Precautionary statement(s):

Prevention:

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. Wear protective gloves/eye protection/face protection.

Response:

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use water, foam, chemical powder to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container to in accordance with national regulations.

Other hazards which do not result in classification: /

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration%
Methallyl alcohol	513-42-8	99.50%



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Section 4 FIRST AID MEASURES

Description of necessary first aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: /

Indication of immediate medical attention and special treatment needed: /

Section 5 FIREFIGHTING MEASURES

Suitable extinguishing media: Use alcohol-resistant foam, dry chemical or water.

Special hazards arising from the chemical: Flammable liquid and vapor. May be ignited by heat, sparks and flame. Containers may explode in high temperature.

Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers.

Section 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up: Absorb spill with inert material (vermiculite, sand or earth) if a little material leaks. Collect with an electrically protected pump and place in container for disposal according to local regulations.

Section 7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.



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Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: /

Appropriate engineering controls: Local exhaust ventilation or a process enclosure ventilation system may be required.

Personal protective equipment

Eye/face protection: Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

Skin protection: Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber. Impervious clothing,

Respiratory protection: Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant.

Thermal hazards: /

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless transparent liquid.
Odour	/
Odour Threshold	/
pH	/
Melting point/freezing point	-50°C.
Initial boiling point and boiling range	113-115°C.
Flash point	34°C.
Evaporation rate	/
Flammability (solid, gas)	/
Upper/lower flammability or explosive limits	/
Vapour pressure	/
Vapour density	/
Relative density	0.857.
Water solubility	11 g/100 mL(water).
Partition coefficient: noctanol/water	/
Autoignition temperature	/
Decomposition temperature	/
Viscosity	/

Section 10 STABILITY AND REACTIVITY

Reactivity: /

Chemical stability: /

Possibility of hazardous reactions: React with oxidizer.

Conditions to avoid: /

Incompatible materials: Flammable materials, oxidizer, acid.

Hazardous decomposition products: /



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Section 11 TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhaled, swallowed, skin.

Symptoms related to the physical, chemical and toxicological characteristics: /

Acute health effects: Accidental ingestion of the material may be harmful. Oral intake causes vomit, nausea and other symptoms.. Skin and eyes contact may cause irritation..

Chronic health effects: Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Chronic solvent inhalation exposures may result in nervous system impairment and liver and blood changes.

Numerical measures of toxicity(such as acute toxicity estimates):

TOXICITY

IRRITATION

Skin (rabbit): 500 mg - Moderate

Section 12 ECOLOGICAL INFORMATION

Toxicity: /

Persistence and degradability: Low.

Bioaccumulative potential: Low.

Mobility in soil: High.

Other adverse effects: /

Section 13 DISPOSAL CONSIDERATIONS

Disposal methods: Burial in a land-fill specifically licensed to accept chemical. Reuse of broken container is forbidden.

Section 14 TRANSPORT INFORMATION

UN number: 2614.

UN proper shipping name: Methallyl Alcohol.

Transport hazard class(es): 3

Packaging group: III.

Environmental hazards (Yes/No): No.

Special precautions for user: /

Section 15 REGULATORY INFORMATION

Regulations: "Dangerous Chemicals safety management regulation" and "China Occupational Exposure Limits for Hazardous Agents in the Workplace" make regulations on safe use, production, storage, transport of dangerous chemicals. Methallyl alcohol is classified as Flammable liquids Category 3 based on General rule for classification and hazard communication of chemicals (GB 13690-2009).

Section 16 OTHER INFORMATION

References

UN Recommendations on the Transport of Dangerous Goods



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	UN Globally Harmonized System of Classification and Labelling of Chemicals
Form Date	2019-01-01

Note 1: When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.

Note 2: Manufacturer / supplier should ensure the correctness of the information contained in the safety data sheets, and updated in a timely manner.

Note 3: As a result of product features without the existence of certain information (such as boiling point does not exist for the solid) in the table with "/" logo.