

LAOHEKOU JINGHONG CHEMICAL CO., LTD

No.163, East Huagong Rd, Laohekou, Hubei 441800 China
TEL: 86-710-8236365 FAX: 86-710-8236365 EMAIL: sales@jhchemical.com

Material Safety Data Sheet

5-Methylfuran-2-propionaldehyde

Section 1: Chemical Product and Company Identification

Product name: 5-Methylfuran-2-propionaldehyde

Product code: JH-028

Company: LAOHEKOU JINGHONG CHEMICAL CO., LTD

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
5-Methylfuran-2-propionaldehyde	34756-16-6	98

Section 3: Hazards Identification

Classification of the GHS

PHYSICAL HAZARDS

Flammable liquids

Category 3

HEALTH HAZARDS

Not classified

ENVIRONMENTAL HAZARDS

Not classified

GHS label elements



Pictograms or hazard symbols

Warning

Signal word

Hazard statement

Flammable liquid and vapour

Precautionary statements

[Prevention] Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

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Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against ignition by the static discharge and the spark.

Wear protective gloves/eye protection/face protection.

[Response] IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

[Storage] Store in a well-ventilated place. Keep cool.

[Disposal] Dispose of contents/container through a waste management company authorized by the local government.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Section 5: Fire and Explosion Data

Suitable extinguishing media:

Dry chemical, foam, water spray, carbon dioxide.

Extinguishing media not to be used:

Solid streams of water

Specific methods: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.

Special protective equipment for firefighters:

When extinguishing fire, be sure to wear personal protective equipment.

Section 6: Accidental Release Measures

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Personal precautions,

protective equipment and emergency procedures:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for containment and cleaning up:

Absorb spilled material in dry sand or inert absorbent before recovering it into an airtight container. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Prevention of secondary hazards:

Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire. Use spark-proof tools and explosion-proof equipment.

Section 7: Handling and Storage

Handling

Technical measures: Handling is performed in a well-ventilated place. Wear suitable protective equipment.

Prevent generation of vapor or mist. Keep away from heat/sparks/open flame/hot surfaces. No smoking. Take measures to prevent the building up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a ventilation, local exhaust if vapor or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage

Storage conditions: Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store away from incompatible materials such as oxidizing agents.

Packaging material: Law is followed.

Section 8: Exposure Controls/Personal Protection

Engineering controls: Install a closed system or local exhaust. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Vapor respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

Section 9: Physical and Chemical Properties

Physical state (20°C): Liquid

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Form: clear

Color: Colorless to light yellow

Odor: No data available

pH: No data available

Melting point/freezing point: No data available

Boiling Point/Range: 185°C

Flash Point: 60°C

Explosive limits

Lower: No data available

Upper: No data available

Density: 1.02g/mL

Solubility: No data available

Section 10: Stability and Reactivity Data

Stability: Stable under proper conditions.

Reactivity: No special reactivity has been reported.

Incompatible materials: oxidizing agents

Hazardous Decomposition

Products:

Carbon monoxide, Carbon dioxide

Section 11: Toxicological Information

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

**Serious eye
damage/irritation:**

No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

Section 12: Ecological Information

Ecotoxicity:

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative

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potential(BCF):

No data available

Mobility in soil

log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law

constant(PaM³/mol):

No data available

Section 13: Disposal Considerations

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

Section 14: Transport Information

Hazards Class: 3: Flammable liquid.

UN No.: 3272

Proper shipping name: Esters, n.o.s.

Packing group: III

Section 15: Other Regulatory Information

Safe management ordinance of dangerous chemical product: Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

Section 16: Other Information

References: N/A.

Other Special Considerations: N/A.

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