

Chloromethyl Methyl Carbonate

SAFETY DATA SHEET

SDS

according to GHS(tenth revised edition)

Yangzhou Upkind Technologies Co., Ltd.

Section 1 - Product and Company Identification

| | |
|-------------------------------|---|
| Product name | Chloromethyl Methyl Carbonate |
| Applicant name | Yangzhou Upkind Technologies Co., Ltd. |
| Application address | Lingtang Town, Gaoyou, Yangzhou City, Jiangsu Province, China |
| Applicant post code | 225652 |
| Applicant fax | +86-514-84239570 |
| Applicant emergency number | +86-514-85083570 |
| Applicant email | Sales@upkind.com |
| Manufacturer name | Yangzhou Upkind Technologies Co., Ltd. |
| Manufacturer address | Lingtang Town, Gaoyou, Yangzhou City, Jiangsu Province, China |
| Manufacturer post code | 225652 |
| Manufacturer fax | +86-514-84239570 |
| Manufacturer emergency number | +86-514-85083570 |
| Effective date | July 25, 2025 |
| Identified uses | Industrial and scientific research use |
| Uses advised against | no data available |

Section 2 –Hazards Identification

According to the criteria of chemical classification settled in 《Globally Harmonized System of Classification and Lablling of Chemicals》（the tenth revised edition）, this product is not dangerous.

Section 3 – Composition/Information on Ingredients

| Component | Concentration(%) | CAS No. | EC No. |
|-------------------------------|------------------|------------|--------|
| Chloromethyl Methyl Carbonate | ≥99% | 40510-81-4 | —— |

Section 4 – First Aid Measures

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| After skin contact | Wash off with soap and plenty of water. Consult a physician. |
| After eye contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| After ingestion | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| After inhalation | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |

Section 5 – Fire Fighting Measures

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| Hazardous products of combustion | Carbon oxides, Hydrogen chloride gas |
| Extinguishing method | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Special protective equipment | Wear self contained breathing apparatus for fire fighting if necessary. |

Section 6 – Accidental Release Measures

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| Personal protective measures | Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental protective measures | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. |
| Methods for taking in and cleaning up | Pick up and arrange disposal. Keep in suitable, closed containers for disposal. |

Section 7 – Handling and Storage

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|-----------------|---|
| Handling | Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. |
| Storage | 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. |

Section 8 – Exposure Controls/Personal Protection

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| Engineering Controls | Safety shower and eye bath. Mechanical exhaust required. |
| Respiratory protection | Use a full-face supplied air respirator. |
| Eye protection | Wear chemical goggles. |
| Hand Protection | Wear impervious chemical resistant gloves. |
| Body protection | Protective work clothing. |

Section 9 – Physical and Chemical Properties

Appearance and properties: Colorless to light yellow clear liquid

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|--|---|
| Odor threshold: No data available | Odor: Weak penetrating odor |
| Melting point/freezing point(°C): No data available | pH value: No data available |
| Flash point(°C)(closed cup): No data available | Initial boiling point and boiling range(°C): 139-140 |
| Flammability: No data available | Evaporation Rate: No data available |
| Lower explosive limit%(V/V): No data available | Upper explosive limit%(V/V): No data available |
| Vapor density(g/mL): No data available | Vapor pressure(MPa): No data available |
| Solubility: No data available | Relative density(g/cm³): 1.3 |
| Auto-ignition temperature(°C): No data available | Octanol / water partition coefficient: No data available |
| Kinematic viscosity (mm²/s): No data available | Decomposition temperature(°C): No data available |

Section 10 – Stability and Reactivity

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|---|---|
| Reactive | No data available |
| Chemical stability | Stable under the condition recommended. |
| Possibility of hazardous reactions | No data available |
| Avoid conditions | Heat, flames and sparks. |
| Incompatible materials | Strong oxidizing agents |
| Hazardous decomposition products | No data available |

Section 11 – Toxicological Information

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: No data available.

Section 12 – Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13 – Disposal Considerations

Property of waste: No data available.

Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations. Burning method is recommended.

Precautions of disposal: Professional processing together

Section 14 - Transport Information

According to the criteria of chemical classification settled in 《UN Recommendations on the Transport of Dangerous Goods Model Regulations》 (the twenty-second revised edition), this substance is not dangerous.

Section 15 - Regulatory Information

| Component | CHINA | TSCA | ENCS | EINECS |
|-------------------------------|-------|------|------|--------|
| Chloromethyl Methyl Carbonate | - | - | - | - |

Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 - Other Information

Other information:

This Safety Data Sheet (SDS) was prepared according to UN GHS (the tenth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.