

# R-propylene Carbonate

# SDS

## SAFETY DATA SHEET

Yangzhou Upkind Technologies Co., Ltd.

according to GHS(sixth revised edition)

### Section 1 - Product and Company Identification

<b>Product name</b>	R-propylene carbonate
<b>Applicant name</b>	Yangzhou Upkind Technologies Co., Ltd.
<b>Application address</b>	Lingtang Town, Gaoyou, Yangzhou City, Jiangsu Province, China
<b>Applicant post code</b>	225652
<b>Applicant fax</b>	+86-514-84239570
<b>Applicant emergency number</b>	+86-514-85083570
<b>Applicant email</b>	Sales@upkind.com
<b>Manufacturer name</b>	Yangzhou Upkind Technologies Co., Ltd.
<b>Manufacturer address</b>	Lingtang Town, Gaoyou, Yangzhou City, Jiangsu Province, China
<b>Manufacturer post code</b>	225652
<b>Manufacturer fax</b>	+86-514-84239570
<b>Manufacturer emergency number</b>	+86-514-85083570
<b>Effective date</b>	May 10, 2020

### Section 2 – Hazards Identification

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

### Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
R-propylene carbonate	Commercial Secrets	16606-55-6	1308068-626-2

### Section 4 – First Aid Measures

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

## Section 5 – Fire Fighting Measures

<b>Hazardous products of combustion</b>	Carbon oxides, Silicon dioxide
<b>Extinguishing method</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special protective equipment</b>	Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6 – Accidental Release Measure

<b>Personal protective measures</b>	Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas.
<b>Environmental protective measures</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
<b>Methods for taking in and cleaning up</b>	Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

## Section 7 – Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
<b>Storage</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## Section 8 – Exposure Controls/Personal Protection

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

## Section 9 – Physical and Chemical Properties

<b>Appearance and properties:</b> Colorless clear liquid	<b>Odor:</b> No data available
<b>Odor threshold:</b> No data available	<b>pH value:</b> No data available
<b>Melting point/freezing point(°C):</b> No data available	<b>Initial boiling point and boiling range(°C):</b> 240
<b>Flash point(°C)(closed cup):</b> 132	<b>Evaporation Rate:</b> No data available
<b>Flammability:</b> No data available	<b>Upper explosive limit%(V/V):</b> No data available
<b>Lower explosive limit%(V/V):</b> No data available	<b>Vapor pressure(MPa):</b> No data available
<b>Vapor density(g/mL):</b> No data available	<b>Relative density(g/cm<sup>3</sup>):</b> 1.189
<b>Solubility:</b> No data available	<b>Octanol / water partition coefficient:</b> No data available
<b>Auto-ignition temperature(°C):</b> No data available	<b>Decomposition temperature(°C):</b> No data available
<b>Kinematic viscosity (mm<sup>2</sup>/s):</b> No data available	

## Section 10 – Stability and Reactivity

<b>Reactive</b>	No data available
<b>Chemical stability</b>	Stable under the condition recommended.
<b>Possibility of hazardous reactions</b>	No data available
<b>Avoid conditions</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Strong oxidizing agents, Strong acids, Strong bases

**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

**Specific target organ toxicity – repeated exposure:** No data available

**Aspiration hazard:** 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.

**Precautions of disposal:** Operators must have received specialized training in explosive nature disposal.

## Section 14 - Transport Information

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

## Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
R-propylene 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 - Additional Information

**Other information:** This Safety Data Sheet (SDS) was prepared according to UN GHS (the sixth 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.