

# Triisopropylsilyl Acrylate

# SDS

## SAFETY DATA SHEET

Yangzhou Upkind Technologies Co., Ltd.

### Section 1 - Product and Company Identification

<b>Product name</b>	Triisopropylsilyl Acrylate
<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 25, 2020

### Section 2 – Hazards Identification

Hazard class and label elements of the substance according to GHS (the sixth revised edition):

GHS hazard class

**Health hazard(s)** Skin irritation category2

Sensitisation, skin category1

**Environmental hazard(s)** Hazardous to the aquatic environment, long-term hazard category2

**Pictogram**



**Signal** Warning

**Hazard statement(s)** H315 Causes skin irritation

H317 May cause an allergic skin reaction  
H411 Toxic to aquatic life with long lasting effects

#### Precautionary statements

##### Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.

##### Response

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.

##### Storage

P403 Store in a well-ventilated place.

##### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Triisopropylsilyl Acrylate	99	157859-20-6	457-670-6

### Section 4 – First Aid Measures

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

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 Measure

<b>Personal protective measures</b>	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.
<b>Environmental protective measures</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<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. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
<b>Storage</b>	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

<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 transparent 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> 230
<b>Flash point(°C)(closed cup):</b> 96.7	<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> 0.91
<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>	Incompatible materials. Formation of flammable or explosive vapour/air mixtures possible.
<b>Incompatible materials Hazardous decomposition products</b>	Strong oxidizing agents 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:** Toxic to aquatic life with long lasting effects.

## 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

**UN number:** 3082

**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,N.O.S.

**Transportation primary hazard class:** 9

**Transportation secondary hazard class:** ——

**Packing group:** III

## Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Triisopropylsilyl Acrylate	√	-	√	-

**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.