Triisopropylchlorosilane

SAFETY DATA SHEET

SDS

Yangzhou Upkind Technologies Co., Ltd.

according to GHS(tenth revised edition)

Section 1 - Product and Company Identification

Product name	Triisopropylchlorosilane
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
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	+86-514-8508357
Effective date	July 25, 2025
Identified uses	Industrial and scientific research use
Uses advised against	no data available

Section 2 –Hazards Identification

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

Hazard class	Flammable liquids	category4
	Skin corrosion/irritation	category1B
	Serious eye damage/eye irritation	category1

Pictogram

Signal

Warning

Hazard statement(s)

H227 Flammable liquid

H314 Causes severe skin burns and eye damage

Precautionary statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor.
Storage	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
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.
Triisopropylchlorosilane	≥98%	13154-24-0	603-492-0

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 and silicon dioxide
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

Personal precautions	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 precautions	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 cleaning up	Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

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 at room temperature. 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

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: Colorless transparent liquid
Odor threshold: No data available
Melting point/freezing point(℃): No data available
Flash point(℃)(closed cup): 62.78
Flammability: No data available
Lower explosive limit%(V/V): No data available
Vapor density(g/mL): No data available
Solubility: No data available
Auto-ignition temperature(℃): No data available
Viscosity(㎡/s): No data available

Odor: No data available
pH value: No data available
Initial boiling point and boiling range(℃): 198
Evaporation Rate: No data available
Upper explosive limit%(V/V): No data available
Vapor pressure(MPa): No data available
Relative density(g/cm ^{3}): 0.901
Octanol / water partition coefficient: No data available
Decomposition temperature(℃): No data available

Section 10 – Stability and Reactivity

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, Strong acids
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

Ecotoxicity: No data available

Biodegradability: No data available

Abiotic degradation: No data available

Bioaccumulation: No data available

Other hazards: 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: No data available.

Section 14 - Transport Information

UN number: 2987

UN proper shipping name: CHLOROSILANES, CORROSIVE, N.O.S.

Transportation primary hazard class: 8

Transportation secondary hazard class: ——

Packing group: II

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Triisopropylchlorosilane	-	-	-	-

Note 1:

CHINA - China Inventory of Existing Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

ENCS - Japan Existing and New Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

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 inclued 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.