

n-Propyl acetate

SAFETY DATA SHEET

SDS


according to GHS(fourth revised edition)

Section 1 - Product and Company Identification

Product name	n-Propyl acetate Echem Incorporation Limited
Applicant name	5F, Inter Royal Mansion, No. 15, Donghai West RD, Qingdao, China
Application address	
Applicant post code	226532 +86-532-80905922
Applicant fax	+86-532-80905933
Applicant emergency number	
Manufacturer name	BAICHUAN(RUGAO) CHEMICAL CO., LTD.
Manufacturer address	6 XIANGJIANG ROAD, CHANGJIANG TOWN, (RUGAO POTT DISTRICT) RUGAO CITY, JIANGSU PROVINCE, CHINA

Section 2 –Hazards Identification

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

		category2A category3
Pictogram	Flammable liquids Serious eye damage/eye irritation Specific target organ toxicity, single exposure; Narcotic effects 	
Signal		
Hazard statement(s)	Danger	
Precautionary statements	H225 Highly flammable liquid and vapour H319 Causes serious eye irritation H336 May cause drowsiness or dizziness	

Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.
Response	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. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor/if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention.
Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed. 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.
n-Propyl acetate	≥99.5%	109-60-4	203-686-1

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.
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

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.
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 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

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: No data available
Odor threshold: No data available	pH value: No data available
Melting point/freezing point(°C): -92	Initial boiling point and boiling range(°C): 101.6
Flash point(°C)(closed cup): 14	Evaporation Rate: No data available
Flammability: No data available	Upper explosive limit%(V/V): 8.0
Lower explosive limit%(V/V): 2.0	Vapor pressure(MPa): No data available
Vapor density(g/mL): 3.52	Relative density(g/cm³): 0.887
Solubility: No data available	Octanol / water partition coefficient: 1.24
Auto-ignition temperature(°C): No data available	Decomposition temperature(°C): No data available
Viscosity(m²/s): 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. Extremes of temperature and direct sunlight.

Incompatible materials oxidizing agents
Hazardous decomposition products No data available

Section 11 – Toxicological Information

Acute toxicity:

n-Propyl acetate: LD₅₀(rat, Oral) 9370 mg/kg; LD₅₀(rabbit, Dermal) > 17740 mg/kg

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:

n-Propyl acetate: EC₅₀(Daphnia magna, 24h)

318mg/L **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: 1276

UN proper shipping name: n-PROPYL ACETATE

Transportation primary hazard class: 3

Transportation secondary hazard class: —

Packing group: II

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
n-Propyl acetate	√	√	√	√

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 - Additional Information

Prepared by:	Changzhou Testing Center of Entry-Exit Industrial and Consumable Products
Completion Date:	Jan 09, 2014
Modification statement:	Original. Please update before the implementation of the GHS fifth revised edition.
Other information:	This Safety Data Sheet (SDS) was prepared according to UN GHS (the fourth 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.