



MSDS

UCN KIMYA SANAYI VE TICARET LIMITED

Section 1-Product and Company Identification

Product name : Isoprooyl Alcohol 99%

Manufacturer name : UCN KIMYA SANAYI VE TICARET LIMITED

Manufacturer address : Korkut Reis Mah Lale Cad 13/7 Cankaya Ankara Turkey

Post code : 06430

Emergency phone number : +905551881877

Section 2-Hazards Identification

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

Physical hazard(s) Flammable liquids
category2

Health hazard(s) Serious eye damage/eye irritation
category2A

Specific target organ toxicity,single exposure;Narcotic effects
category3

Pictogram



Signal
Hazard statement(s)

Danger
H225 Highly flammable liquid and vapour.

	H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	
Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces.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 skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.
protection/face protection.	P280 Wear protective gloves/protective clothing/eye
Response	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	P405 Store locked up. P403+P233 Store in a well-ventilated place.Keep container tightly closed. P403+P235 Store in a well-ventilated place.Keep cool.
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

Section 3-Composition/Information on

Component	Ingredients	CAS No.
	Concentration EC No.	
Isopropanol 200-661-7	Commercial secrets	67-63-0

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 : Do Not induce vomiting. 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.

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 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.

Section8-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.

Body protection : Protective work clothing.

Hand Protection : Wear impervious chemical resistant gloves.

Body protection: Protective work clothing.

Section9-Physical and Chemical Properties

Appearance and properties : Colourless liquid **Odor** : No data available

Odor threshold: No data available

Ph value: No data available

Melting point/freezing poin $(^{\circ}\text{C})$: -88.5 **Initial boiling point and boiling range** $(^{\circ}\text{C})$: 80.3

Flash point $(^{\circ}\text{C})$ **(closed cup)** : 12 **Evaporation**

Rate: No data available **Flammability:** No data available **Upper**

explosive limit% (V/V) : 12.7 **Lower explosive limit**

% (V/V) : 2.0 **Vapor pressure(MPa):** No data

available **Vapor density(g/mL):** No data available **Relative**

density (g/cm^3) : 0.79

Solubility: No data available **Octanol/water partition coefficient:** No data available

Auto-ignition temperature $(^{\circ}\text{C})$: No data available **Decomposition**

temperature $(^{\circ}\text{C})$: No data available

Kinematic viscosity(mm²/s):No data available

Section10-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 = Oxidants, acid anhydride, aluminum halides, acid

Hazardous decomposition products = No data available.

Section 11-Toxicological Information

Acute toxicity: LD₅₀ (rat, oral) 5000mg/kg ; LD₅₀ (rabbit, dermal) 12800mg/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 = Isopropanol (CAS No. 67-63-0): Group 3 Not classifiable as to its carcinogenicity to humans (IARC).

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 = LC₅₀ (Pimephales promelas, 96h) 9640.00mg/L ; EC₅₀ (Daphnia magna, 24h) 5102.00mg/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.

Precautions of disposal : No data available.

Section 14-Transport Information

UN number : 1219

UN proper shipping

name : ISOPROPANOL

Transportation primary hazard

class : 3

Transportation secondary hazard class:—

Packing group : II

Section 15-Regulatory Information

Component	CHINA	TSCA	ENC	EINEC
	A		S	S
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 fifth revised edition).