



SAFETY DATA SHEET

1999 - Hand Sanitizer

Version 1.1 2020-06-04

SECTION 1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: HAND SANITIZER - Isopropyl Alcohol Antiseptic 75% Topical Solution
PRODUCT CODE: 1999
PRODUCT USE: Hand Sanitizer - Non-sterile Solution
CAS NUMBER: N/A - MIXTURE

COMPANY HI-LUSTRE PRODUCTS, INC.
3208 Fowler Street, Los Angeles, CA 90063
323-269-3858
info@HiLustre.com
www.HiLustre.com

24 HOUR EMERGENCY TELEPHONE NUMBERS
Spill, Leak, Fire or Accident Call PERS
USA - NATIONAL POISON CONTROL SYSTEM

NORTH AMERICA: 800-633-8253
INTERNATIONAL: 801-629-0667
LOCAL POISON ACTION LINE: 800-222-1222

SECTION 2 HAZARD IDENTIFICATION

GHS Hazard Classification	Flammable Liquid	Category 2
	Eye Damage/Irritation	Category 2
	Acute Toxicity (Oral)	Category 3
	Acute Toxicity (Inhalation)	Category 3
	Acute Toxicity (Dermal)	Category 3

GHS Label Elements

Signal Word: Danger

Pictogram:



Hazard Statements: Highly flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary Statements: Keep away from heat/sparks/open flames/ hot surfaces – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements: IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Storage: Store in accordance with local/national regulations.

Disposal: Dispose of contents/container in accordance with local/national/international regulations.

SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

Isopropyl Alcohol	CAS# 67-63-0	75%
-------------------	--------------	-----

SECTION 4 FIRST AID MEASURES

EYE CONTACT: In case of contact with eyes, immediately flush eyes with running water for more than 15 minutes. Remove contact lenses if present and easy to do. continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN CONTACT: Where there is evidence of skin irritation, wash with plenty of soap and water and get medical attention.

INGESTION: Rinse mouth. Seek immediate medical attention if large quantities are ingested. Do not induce vomiting. If not consciousness, do not ingest.

INHALATION: Move victim into area with fresh air. Allow to rest in a well ventilated area. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

ACUTE AND DELAYED SYMPTOMS/EFFECTS: The substance is irritating to the eyes and the respiratory tract. The substance may cause effects on the central nervous system, resulting in depression. Exposure far above the OEL may result in unconsciousness.

PHYSICIAN NOTES: keep victim warm and quiet. Move victim to fresh air. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

SECTION 5 FIRE FIGHTING MEASURES

Conditions of flammability: Flash Point: 53.6 F (11.7 C)

Suitable extinguishing media: Use water spray, carbon dioxide, alcohol-resistant foam, or dry chemical

Special protective equipment for firefighters: Wear a self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Hazardous combustion products: Some oxides of carbon on incineration.

Additional Information: Highly flammable. Will be easily ignited by heat, sparks or flames. Vapors may explode when mixed with air. - Vapor or gas may travel from a distance in an instance after ignition. When heated, vapors may form explosive mixtures with air: indoors, outdoors and sewers explosion hazards. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Containers may explode when heated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Eliminate all sources of ignition (no smoking, flares, sparks or flames in immediate area).

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up: Use clean non-sparking tools to collect absorbed material. All equipment used when handling the product must be grounded. **SMALL SPILLS:** Absorb with suitable absorbent material, place in chemical waste container, close tightly and dispose of properly. **LARGE SPILLS:** Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required. Absorb remaining liquid with suitable absorbent material and place in chemical waste container, close tightly and dispose of properly.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes. Avoid inhalation of vapor or mist. Do not spray into the wind.

Hold close to the targeted area and spray on the targeted area. Use in a well-ventilated area and wear protective equipment as required. Avoid misting, heating or splashing.

Storage: Store in closed containers in a cool, dry, well-ventilated area. Protect containers from physical damage.

Special Precautions: Empty containers retain product residues and may be hazardous. Observe all hazard precautions. Keep empty containers closed and do not use to mix or store any other materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters: Isopropyl Alcohol, CAS No. 67-63-0

OSHA PEL 8hr-TWA 400 ppm (980 mg/m³) STEL 500 ppm (1230 mg/m³)

ACGIH TWA 200 ppm STEL 400 ppm

NIOSH recommended exposure limit 10hr TWA 400 ppm (980 mg/m³) STEL 500 ppm (1225 mg/m³)

Personal protective equipment

Respiratory protection: Not normally required for normal use. If used indoors: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. OSHA regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Hand protection: Not normally required for normal use. If needed to prevent excessive skin contact use neoprene gloves.

Eye protection: Not normally required for normal use. If splashing may occur, use chemical splash goggles for eye protection.

Skin protection: Not normally required for normal use. If splashing may occur, use neoprene apron or protective clothing with long sleeves to prevent skin contact.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Properties	Appearance	clear liquid
	Odor	rubbing alcohol
	pH	6.0 to 7.0
	Flash Point	53.6 F (11.7 C)
	Boiling Point	Approximately 180 DF
	Solubility in Water	Soluble
	Vapor Pressure	NA
	Vapor Density	< 2
	Specific Gravity	> 0.8
	Evaporation Rate	Approximately 1.7

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage and usage conditions

Possibility of hazardous reactions: There are is a very low possibility of hazardous reactions with this product

Conditions to avoid: Heat, sparks, open flames, or other sources of ignition.

Materials to avoid: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, isocyanates.

Hazardous Decomposition Products: Some oxides of carbon on incineration.

Hazardous Polymerization: This product does not polymerize.

SECTION 11 TOXICOLOGICAL INFORMATION

The information is provided for Isopropyl Alcohol, CAS No. 67-63-0 at 100% active.

The amounts of the components are present at the levels shown in section 3 and therefore the effect of the component needs to be calculated for concentration and then taken into account. The concentrations of the components are further reduced at the advised and recommended dilution levels.

Routes of exposure: Inhalation: May cause respiratory nasal, and bronchus irritation. Eye contact: May eye and skin irritation.

Serious Eye Damage/Irritation: Category 2A - Slight to severe ocular irritant property in the eye irritation tests with the rabbits

Respiratory sensitizer: Acute is central nervous system depression Symptoms and signs; persistent nausea, vomiting, abdominal pain, refractory and depressed respirations. Moreover, irritation to noses and throats is judged that it was a respiratory irritant.

Skin Sensitization: Not classified - It was negative for skin sensitization test by the Buehler method in the guinea pig in SIDS

Acute Toxicity	Isopropyl Alcohol, CAS # 67-63-0
	Oral LD50 Rat: 5280 mg/kg
	Dermal LD50 Rabbit: 12,870 mg/kg
	Inhalation LD50 Rat: 72.6 mg/l
	Inhalation TCLO Human: 35 ppm
	(TCLO = Lowest Published Toxic Concentration)

Carcinogenicity Data Not classified or listed as a carcinogen by IARC, ACGIH, NTP or CA State Prop. 65

Reproductive Data No data available

Teratogenicity: No data available

Specific Target Organ Toxicity (STOT) Single Exposure (Globally Harmonized System – GHS) - can affect the central nervous system by inhalation causing drowsiness or dizziness

Repeated Exposure (Globally Harmonized System – GHS) - No data is available

Signs and Symptoms of Exposure Product as a Whole - None known for exposure to the product as a whole

Synergistic Effects: No data available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity: Component: Isopropyl Alcohol, CAS # 67-63-0

Aquatic ecotoxicity:	Acute toxicity: Not classified
	Chronic toxicity: Not classified
	Fish: 96hr-LC50 (Pimephales promelas) = 9640mg/L
	Crustacea: 48hr-EC50 (Daphnia magna) >10000mg/l
	Algae: Not available

Persistence and degradability: Persistence: Low persistency (Log Kow of all ingredients are less than 4) (Log Kow=0.05)
Degradability: Hydrolysis, Photolysis: Not expected due to physical chemical characteristic.
Atmosphere: Degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the half-life in air is estimated to be 3.2 days.

Bioaccumulative potential: May not expect bioaccumulation
Biodegradation: Readily biodegradation, BOD5=49%
Bioaccumulation: Biodconcentration Factor (BCF) = 1

Mobility in soil: Volatilization from moist soil surfaces is expected to be an important fate process based upon a Henry's Law constant of 8.10X10-6 atm-cu m/mole. Isopropanol may volatilize from dry soil surfaces based upon its vapor pressure.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOT (US):	Proper shipping name:	UN 1993, Flammable Liquid, N.O.S., PG II
IATA and ICAO (Air Transportation):	Proper shipping Name	UN 1993, Flammable Liquid, N.O.S., PG II
IMDG (Water Transportation):	Proper shipping Name	UN 1993, Flammable Liquid, N.O.S., PG II

SECTION 15 REGULATORY INFORMATION

Isopropyl Alcohol, CAS # 67-63-0

OSHA Hazards: OSHA regulation (29CFR1910.119) : Not listed

CERLA: 103 regulation (40CFR302.4) : Not listed

EPCRA: 302 regulation (40CFR355.30) : Not listed

EPCRA: 304 regulation (40CFR355.40) : Not listed - SARA 313 regulation (40CFR372.65) : listed

SARA 302: Not subject to the reporting requirements of SARA Title III, Section 302

SARA 313: Not subject to the reporting requirements of SARA Title III, Section 302

SARA 311/312 : Fire Hazard.

California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

SECTION 16 OTHER INFORMATION

All information appearing herein is based upon data obtained from recognized technical sources. While the information is believed to be accurate, Hi-Lustre Products, Inc. makes no warranties or representations as to its accuracy or sufficiency. Conditions of use are beyond Hi-Lustre Products, Inc.'s control and therefore users are responsible for, and assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their needs and circumstances.