

SAFETY DATA SHEET

WORKING COPY

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date issued : 02/20/2024

SDS number : Isopropyl Alcohol 70%

#5007-55

Isopropyl Alcohol 70%

1. Identification

Product identifier: Isopropyl Alcohol 70%**Generic name:** 2-Propanol, 70%; Isoprpanol, 70%; Isopropyl Rubbing Alcohol, IPA 70%**Chemical family:** Alcohol**Manufacturer / Supplier**

LA Chemicals, Ltd.
2415 Gardner Rd.
Broadview, IL 60155

Emergency contact: Mike Ryniec**Emergency Phone:** 800-424-9300**Customer Service:** 708-345-6880**Transportation:** 708-345-6880**E-Mail:** MRYNIEC@LACHEMONLINE.COM**Emergency telephone number (24 hour)****AAPCC Poison Help :** (800) 424-9300**CANUTEC (Canadian Transportation) :** (613) 996-6666**CHEMTREC (US Transportation) :** (800) 424-9300

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Target Organ Toxicity (Single exposure), Category 3

Eye Irritation, Category 2A

Physical hazards:

Flammable Liquids, Category 2

Label elements

Flammable liquid and vapour



Flame

Exclamation
mark**Signal word:** DANGER**Hazard statement(s)**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary statement(s)**Prevention:**

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

P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

P405: Store locked up.

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P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P240: Ground and bond container and receiving equipment.
P233: Keep container tightly closed.
P243: Take action to prevent static discharges.
P242: Use non-sparking tools.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P337+P313: If eye irritation persists: Get medical advice/attention.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378: In case of fire: Use ... to extinguish.

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 and container in accordance with local regulations.

Potential health effects

Eye: Contact may cause eye irritation.

Skin: Can cause irritation if absorbed through the skin.

Ingestion: Can be harmful if ingested.

Inhalation: Can be harmful if inhaled. Can cause respiratory tract irritation. Vapors can cause drowsiness and dizziness.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
2-propanol	70	67-63-0

4. First-aid measures

Eye: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention, if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Indication of immediate medical attention and special treatment needed, if necessary: ug/l- Gambusia affinisNo data available.
Contact Env. Dept.

Additional information: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire-fighting measures

Suitable extinguishing media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Explosion hazards: ug/l- Gambusia affinisNo data available. Contact Env. Dept.

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6. Accidental release measures

Small spill: Absorb the liquid and scrub the area with detergent and water.

Large spill: Avoid runoff into storm sewers and ditches which lead to waterways.

General procedures: Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section).

7. Handling and storage

General procedures: Use only in a well ventilated area.

Precautions for safe handling: Keep away from heat and flame.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

Storage temperature: Store in a cool place below (120) F (49) C.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
2-propanol	OSHA PEL	TWA	400	980
	ACGIH TLV	TWA	200	490
		STEL	400	960
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

Appropriate engineering controls: Not Available

Individual protection measures, such as personal protective equipment

Eye / face protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin protection - hand protection: Glove permeation data does not exist for this material. Viton or heavy nitrile rubber gloves should be used for splash protection only.

Respiratory protection: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Skin protection - other: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

9. Physical and chemical properties

Appearance: Clear/water-white

Color: Water-white

Odor: Slight ethanol/acetone

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Odor threshold: Not yet Determined**Physical state comments:** Flammable Liquid**pH:** Neutral**Melting point:** -89°C (-128°F)**Initial boiling point and boiling range:** ~ 82°C (180°F)**Flash point:** ~ 21.2°C (54°F) Tag Closed-Cup (ASTM D56)**Evaporation rate (n-butyl acetate = 1):** Not Determined**Lower explosion limit / flammability limit:** 2.0**Upper explosion limit / flammability limit:** 12.7**Vapor pressure:** ~ 44 mm Hg at 25°C (77°F)**Relative vapor density:** > 1**Relative density:** ~ 0.81 to 0.815 at 20°C (68°F)**Solubility:** Complete**Auto-ignition temperature:** ~ 399°C (750°F)**Decomposition temperature:** Not Determined**Percent volatiles:** 75

10. Stability and reactivity

Reactivity: Normally reactive if handled properly**Dangerous polymerization:** Product will not undergo polymerization.**Chemical stability:** Stable under ordinary conditions of use and storage.**Conditions to avoid:** ug/l- Asterias Rubensg/l- Asterias RubensNA = Not Applicable**Hazardous decomposition products:** Not Established**Incompatible materials:** Not Established

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: ~ 12800 mg/kg**Notes:** Rat**Acute oral toxicity LD₅₀:** ~ 5045 mg/kg**Notes:** Rat**Acute inhalation toxicity LC₅₀:** ~ 30 mg/kg**Notes:** Rat

12. Ecological information

Aquatic toxicity, both acute and chronic: This product is not expected to be harmful to aquatic organisms according to GHS criteria.**96-hour LC₅₀:** ~ 100000 ug/l- Fathead Minnow**96-hour EC₅₀:** ~ 64000 mg/l- Fathead Minnow

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Notes: This product is readily biodegradable.**Bioaccumulative potential:** This product has a low potential to bioaccumulate.**General comments:** Water hazard class 1 (Assessment by list): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

Disposal methods: Dispose in accordance with all local, state, and federal regulations.**For large spills:** Do not allow product to reach sewage system.**Product disposal:** Disposal must be made according to official regulations.**RCRA hazard class:** Water hazard class 1

14. Transport information

USA Department of Transport Regulations (DOT)**UN proper shipping name:** UN1219, Isopropyl Alcohol**Transport hazard class(es):** 3**Packing group, if applicable:** II**Hazard label:** Flammable Liquid

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classificationFlammable
Liquid

R10: Flammable.

SARA Section 311/312 Hazard Categories

311/312 Health hazards: ug/l- Asterias Rubensg/l- Asterias RubensNA = Not Applicable

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
2-propanol	70	67-63-0

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: This product is listed on the CERCLA Inventory.**CERCLA rq:** 10,000 lbs (Default)

TSCA (The Toxic Substances Control Act)

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2-propanol	67-63-0

TSCA regulatory: This product is listed on the TSCA Inventory.

Occupational safety and health administration (osha)

29 cfr1910.119---process safety management of highly hazardous chemicals: None of the chemicals in this product are considered highly hazardous by OSHA.

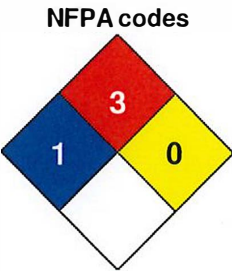
CANADA

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): This product is listed on Canada's DSL list.

16. Other information

Date Prepared: 02/20/2024

HMIS rating		
Health	1	1
Flammability	3	3
Physical hazard	0	0
Personal protection	H	H



Manufacturer disclaimer: While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material. LA Chemicals, LTD assumes no responsibility resulting from the use of this SDS.