

MSDS Document

Product Isopropyl Rubbing Alcohol 91% USP

1. Chemical Product and Company Identification

Trade Name of this Product Isopropyl Rubbing Alcohol 91% USP

MSDS ID SF10062

Manufacturer

Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018

Contact Name

Corporate Compliance Team

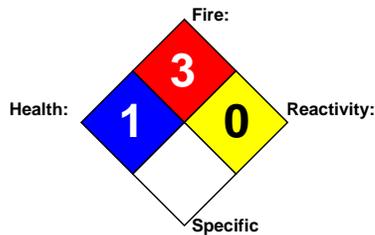
Phone Number

(847) 827-9666

Emergency Phone

(888) 426-4851

Revision Date 10/03/2003



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
ISOPROPANOL	67-63-0	91 %	400	400.00	500.0 0
WATER	7732-18-5	9 %	ND	NE	NE

3. Hazard Identification

Route(s) of Entry

Skin. Inhalation. Ingestion. Eyes.

Eyes

Irritating, and may injure eye tissue if not removed promptly.

Skin

Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

Inhalation

Exposure to vapors may cause the following effects: Headaches. Dizziness. Central

nervous system effects. Pulmonary edema. Slightly irritating to eyes and respiratory tract. Gas, vapor, mist, or dust concentrations may be harmful if inhaled. High concentrations may be fatal.

Ingestion

May cause chemical pneumonitis if aspirated into lungs. Single dose toxicity is low.

Target Organ(s) Affected

Eyes. Respiratory tract.

4. First Aid Information

Skin

Flush skin with water and follow by washing skin with soap and water. Remove contaminated clothing and footwear.

Inhalation

Remove from exposure. Administer artificial respiration if not breathing. Keep warm and quiet. Get medical attention immediately.

Ingestion

Do not induce vomiting. Keep calm. Contact physician or poison control center immediately.

Eye

Flush with plenty of water for at least 15 minutes. Seek medical attention immediately.

5. Fire Fighting Measures

Flash Point	57°F
FP Method	TCC
LEL	2
UEL	12

Extinguishing Media

Water spray. Alcohol foam. Dry chemical. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconitioner, or properly disposed of.

Fire and Explosion Hazards

Eliminate all sources of ignition.

Flammable Properties

Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.

Hazardous Decomposition Products

None known.

6. Accidental Release Measures

Small Spill

Evacuate area of unprotected and unnecessary personnel. Shut off source of leak if safe to do so. Eliminate all sources of ignition. Absorb with fire resistant absorbent. Collect and contain for disposal. Notify appropriate state and local agencies. Dispose of absorbent in accordance with local, state and federal regulations.

Large Spill

Follow procedures for small spill. Contain spill by diking or other methods. Remove with vacuum trucks or pump to storage vessel. Do not release into sewers or waterways.

7. Handling and Storage

Handling

Avoid breathing vapors. Ground and bond containers when transferring material. Do not get in eyes, on skin or clothing. Thoroughly wash hands and exposed skin after handling. Remove contaminated clothing and wash before reuse. Empty containers retain product residue (liquid and/or vapor) and can be dangerous.

Storage

Avoid extreme temperature variations. Store in a well ventilated area.

8. Exposure Controls and Personal Protection

Eye Protection

ANSI approved safety glasses or splash goggles with face shield are recommended.

Protective Gloves

The following glove(s) are recommended to prevent prolonged or repeated contact:
Chemical resistant gloves.

Other Protective Clothing

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

Ventilation

Provide mechanical exhaust ventilation. Use explosion-proof ventilation equipment.

Respiratory Protection

Wear a NIOSH approved respirator with chemical/mechanical filters for chemicals listed in Section 2 when ventilation is restricted.

OSHA Regulation:

A TWA of 400 ppm (980 mg/m) and a STEL of 500 ppm (1225 mg/m) for Isopropyl Alcohol.

ACGIH recommends:

A TWA of 400 ppm (983 mg/m) and a STEL of 500 ppm (1230 mg/m) for Isopropyl Alcohol.

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	0.817
Color/Appearance	Clear colorless
Odor	N/A
pH	N/A
Boiling/Cond. Point	179°F
Melting/Freezing Point	N/A
Solubility	100% at 68°F
Evaporation Rate	1.7
VOC %	N/A
Percent Volatile	N/A
Viscosity	N/A
Vapor Density	N/A
Vapor Pressure	N/A

10. Stability and Reactivity

Stability

Stable.

Hazardous Polymerization

Will not occur.

Incompatibility

Strong oxidizing agents. Chlorinated compounds. Aldehydes. Caustics. Amine.

Hazardous Decomposition Products

None known.

11. Toxicological Information

Carcinogenicity

None of the components are listed by NTP, IARC, or OSHA as carcinogenic.

12. Ecological Information

Ecological Information

No information available.

13. Disposal Considerations

Waste Disposal Method

Do not flush to sewer system. Dispose in accordance with federal, state, and local regulations.

14. Transportation Information

ID Number

UN1993

Proper Shipping Name

Flammable Liquid, N.O.S. (Isopropanol)

DOT Class

3 (Flammable Liquid)

15. Regulatory Information

CPR Certification

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

TSCA Certification

All chemicals in this product are listed, or are exempt from listing on the TSCA inventory.

S.A.R.A. Title III, Section 313

This product contains the following chemicals subject to reporting:

Isopropyl Alcohol (67-63-0)

16. Other Information

Disclaimer

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.