

# Safety Data Sheet (SDS)

## Section 1: Chemical Product and Company Identification

**Cat# :** 8455MP

**Part Name:** Isopropyl Rubbing Alcohol

**Supplier:** Decon Laboratories Inc.

460 Glennie Circle King of Prussia, Pa 19406  
SDS Telephone # (610) 755-0800

### Emergency Telephone Numbers

US Chemtrec: (800) 424-9300

Canada: (703) 527-3887

**Identified uses:** Laboratory use

## Section 2: Hazards Identification:

### Hazard Overview

Causes skin and eye irritation.

Flammable liquid and vapor.

### GHS Classification

Flammable Liquids Category 3

Skin Irritant Cat 2, Eye Irritation Cat 2B

**Signal Word: DANGER**



### Hazard and Precautionary Statements

H226	Flammable liquid and vapor
H315	Causes skin irritation.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280A	Wear protective gloves.
P285	In case of inadequate ventilation wear respiratory protection.
P301A	IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
P301D	IF SWALLOWED, induce vomiting as directed by medical personnel.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305B	IF IN EYES: Separate eyelids with finger tips.
P313	Get medical advice/attention.
P340	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P351	Rinse cautiously with water for several minutes.
P361	Remove/Take off immediately all contaminated clothing.

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## NFPA Rating

Hazard Ratings:

These ratings are Decon Laboratories Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available

Health 1                      Flammability 3                      Reactivity 0

## Section 3: Composition/ Information on ingredients

Note: Items listed with a CASRN number have no CAS# available

Item#	Name	EINECS	CAS #	% in Product
1	2-Propanol	200-661-7	0000067630	61 - 70
2	Water	231-791-2	0007732185	31 - 40

## Section 4: First Aid Measures

Contact medical Personnel.

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, induce vomiting as directed by medical personnel.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

## Section 5: Fire-Fighting Measures

Flash Point, deg. F: 53

Method: TCC

UEL: 12.7                      LEL: 2.0

Autoignition temperature, deg. F: No Data

Flammability Classification: IB

Flame Propagation Rate: No Data

Hazardous Combustion Products: None

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## Section 6: Accidental Release measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorb liquids on absorbent material.

Contain spilled liquids.

Protect personnel from exposure.

Remove ignition sources.

## Section 7: Handling and Storage

Store at room temperature.

## Section 8: Exposure Controls/ Personal Protection

### OSHA (ACGIH) Exposure Limits

		TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/	ppm	mg/
CAS # 0000067630	IDLH: 2,000						
OSHA		Canada	980	--	--	--	--
ACGIH		400	983	500	500	--	--
CAS # 0007732185	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

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## Section 9: Physical and Chemical Properties

Formula:	C <sub>3</sub> H <sub>8</sub> O	Vapor Pressure:	33 mm Hg
Formula weight:	60.10	Vapor Density:	2.1
Boiling Point:	180° F	Specific Gravity:	0.8775
Melting Point:	-127° F	pH:	No data
Solubility:	100%	Appearance:	Clear, colorless liquid

## Section 10: Stability and Reactivity:

Chemical Stability: Stable  
Conditions to Avoid: None  
Incompatibility with other materials: None  
Hazardous Decomposition Products: None  
Hazardous Polymerization: Will not occur.

## Section 11: Toxicological Information

Acute Data: LD50 oral rat 6.48 ml/kg  
Subchronic data: No data

## Section 12: Ecological Information

For pure isopropanol – BOD: day 5, 28%; day 10 77%; day 20 78%; LC50 Fathead Minnow 96 h 8300 mg/l; LC50 Daphnia 48 h 7550 mg/l

## Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS #	Waste Code	Regulated Name
0000067630	Not listed	Not listed
007732185	Not listed	Not listed

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## Section 14: Transportation Information

Proper Shipping Name: ISOPROPANOL  
Chemical Name: ISOPROPANOL  
UN #: 1219  
Class: 3  
Packing Group: II

Note:  
sizes 1 Liter or less ship as ORM-D

## Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000067630	No	No
007731285	No	No

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#

000067630	Not listed
007731285	Not listed

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated Name	de minimis conc. %	Rep Thres.
000067630	Isopropyl Alcohol	1.0	Not Listed
007731285	Not listed	Not Listed	Not Listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated Name	TPQ (pounds)	EHS-RQ (pounds)
000067630	Not listed	Not Listed	Not Listed
007731285	Not listed	Not Listed	Not Listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated Name	RQ (pounds)
000067630	Not listed	Not Listed
007731285	Not listed	Not Listed

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<b>Section 16: Other Information</b>
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Date of Issue: 05/01/1998

Date of Revision: 12/31/2021R

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**End of Safety Data Sheet**