



Safety Data Sheet

70% ISOPROPYL RUBBING ALCOHOL

Section 1. Identification

Product Identifier	70% ISOPROPYL RUBBING ALCOHOL		
Synonyms	ISOPROPYL ALCOHOL ; MDS098003Z		
Manufacturer Stock Numbers	MDS098003Z		
Recommended use	N/A		
Uses advised against	N/A		
Manufacturer Contact Address	Medline Industries, Inc. One Medline Place Mundelein, IL, 60060 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300	(847) 643-4436
		CHEMTREC CHEMTREC	
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category 5 ACUTE TOXICITY - ORAL - Category 5 EYE DAMAGE/IRRITATION - Category 2B FLAMMABLE LIQUIDS - Category 3 SENSITIZATION - SKIN - Category 1B
Signal Word	Warning
Pictogram	



Hazard Statements	Causes eye irritation Flammable liquid and vapor May be harmful if swallowed May be harmful in contact with skin May cause an allergic skin reaction
Precautionary Statements Response	Call a poison center/doctor/ ... /if you feel unwell. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of water/ ... If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use ... to extinguish. Specific treatment (see ... on this label) Wash contaminated clothing before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Ground/bond container and receiving equipment. Keep away from heat. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/.../equipment. Use only non-sparking tools. Wash ...thoroughly after handling. Wear protective gloves. Wear protective gloves/eye protection/face protection
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container to ...
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-63-0	Isopropyl alcohol	Unknown

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Inhalation:	Remove victim to fresh air. Seek medical attention if discomfort continues.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water, Carbon Dioxide (CO ₂), Foam, Dry Chemical
Unsuitable Extinguishing Media	
Unusual Fire and Explosion Hazards	
Special Fire Fighting Procedures	

Section 6. Accidental Release Measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

Section 7. Handling and Storage

Handling Flammable:	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.
Storage Flammable:	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A
Personal Protective Equipment	Goggles, Gloves			
Engineering Controls:	Ventilation: Local exhaust.			
Respiratory Protection:	Air supplied masks or respirator in confined areas			
Skin Protection:	Protective gloves: Rubber Protective gloves: Vinyl.			
Eye Protection:	Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.			
Other protective equipment:				
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Odor	Characteristic odor
Odor Threshold	N/A
Solubility	Complete
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.88
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	77 Degrees F
FP Method	TCC
Ph	N/A
Melting Point	N.A.
Boiling Point	87° C
Boiling Range	N/A
LEL	2
UEL	12
Evaporation Rate	2.3
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	33mmHg
Vapor Density	2.07

Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	None
Incompatibility (Materials to Avoid)	
Hazardous Decomposition or Byproducts:	Burning may produce Carbon Monoxide, Carbon Dioxide and other hazardous components.
Hazardous Polymerization	N.D.
Conditions to avoid:	Keep away from heat. Sparks. Open flame.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact	Contact may cause temporary moderate irritation
Acute Toxicity: Skin Contact	May cause mild irritation on patients with sensitive skin
Acute Toxicity: Inhalation	N.A.
Acute Toxicity: Ingestion	May be harmful if swallowed
Carcinogenicity:	None known
Chronic Toxicity:	None known

Section 12. Ecological Information

Toxicity:	N.A.
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Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14. Transport Information

UN Number	1219
UN Proper Shipping Name	Isopropanol, 3
DOT Classification	Hazmat at all levels depending on size of packaging, Excepted or Limited Quantity or Fully Regulated
Packing Group	PG II
Additional Information	IATA OR IMDG - UN1219, Isopropanol,3, PG II

Section 15. Regulatory Information

US Federal Regulations: General Product Information	N.A.
US Federal Regulations: Clean Air Act	N.A.
US Federal Regulations: Component Analysis	N.A.
US Federal Regulations: Food & Drug Administration	N.A.
State Regulations: General Product Information	N.A.
State Regulations: Component Analysis	N.A.
Other Regulations:	N.A.
Other Classifications:	N.A.
WHMIS (Canada):	N.A.
California Prop.65:	N.A.

Section 16. Other Information

Revision Date 5/29/2015

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees

Additional Information NFPA
Health 1
Reactive 1
Fire 3