




Safety Data Sheet

Surgical Instrument Lubricant Concentrate

Section 1. Identification

Product Identifier	Surgical Instrument Lubricant Concentrate		
Synonyms	MDS88IL25CM; MSD_SDS0151		
Manufacturer Stock Numbers	MDS88IL25CM		
Recommended use	Super Concentrate Instrument Lubricant.		
Uses advised against	Use only as directed.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2B SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Warning
Pictogram	

Hazard Statements	Causes eye irritation May cause respiratory irritation; or May cause drowsiness or dizziness
Precautionary Statements	
Response	Call a poison center/doctor if you feel unwell. Get medical advice/attention 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 inhaled: Remove person to fresh air and keep comfortable for breathing. In case of fire: Use CO2, dry chemical or foam to extinguish.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wash affected areas thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. Store locked up.
Disposal	Dispose according to all local, state and federal regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	None.
Environmental Hazards:	See section 12.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-63-0	Isopropyl alcohol	1% - 10%

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

Section 4. First-Aid Measures

Eye contact:	Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call physician immediately.
Skin Contact:	Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: get medical advice/attention.
Inhalation:	Move to fresh air and keep at rest in a comfortable position for breathing. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious. Call a physician or Poison Control Center.

Symptoms: Causes skin irritation. Inhalation may cause respiratory sensitization. Causes eye irritation.
Note to Physician: Treat symptomatically

Section 5. Fire Fighting Measures

Suitable Extinguishing Media In case of fire, use Dry Chemical, Foam or Carbon Dioxide (CO₂)
Unsuitable Extinguishing Media N.D.
Specific hazards arising from the chemical: None known.
Protective equipment & precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Personal Precautions:
Use personal protective equipment as required. The wet, contaminated surface may be slippery.

For Emergency Responders:
Restrict access to spill area. Ventilate the area.

Environmental Precautions:
Prevent entry into waterways, sewers, basements or confined areas.
Methods and materials for containment and cleaning up: Methods for containment:
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:
Absorb with inert material. Shovel or sweep spills. Flush remainder with plenty of water.

Section 7. Handling and Storage

Precautions for Safe Handling: Advice on Safe Handling:
Do not handle until all safety precautions have been read and understood. Use only in well-ventilated areas. Do not breathe dust/fumes/gas/mist/vapors/spray. Keep out of the reach of children and pets.
Conditions for safe storage, including any incompatibilities: Storage Conditions:
Keep container tightly closed and store in a closed container in a cool, dry, well-ventilated place away from incompatible materials.

Incompatible Materials:
Acids. Oxidizing agents. Reducing agents.

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, Face Shield			
Appropriate engineering controls:	Eyewash stations.			
Individual protection measures, such as personal protective equipment:	<p>Eye/Face Protection: Wear goggles, chemical safety glasses or a face protection shield.</p> <p>Skin and Body Protection Chemical resistant, impermeable gloves. No special clothing is required.</p> <p>Respiratory Protection: Under normal conditions a respirator is not normally required. A mask or respirator may be used if vapor concentration is high.</p> <p>General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices.</p>			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless/Clear liquid
Odor	Slight Alcohol
Odor Threshold	N.D.
Solubility	Completely soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.077
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not flammable
FP Method	N.D.
pH	7.0 - 9.0
Melting Point	<32°F/<0°C
Boiling Point	>212°F/>100°C
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	<1

Flammability	Not flammable
Decomposition Temperature	N.D.
Auto-ignition Temperature	Not flammable
Vapor Pressure	N.D.
Vapor Density	>1

Explosive Properties: Not explosive.

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions.
 Chemical stability: Stable under recommended storage conditions.
 Possibility of hazardous reactions: None under normal processing.
 Possibility of hazardous reactions: Hazardous polymerization will not occur.
 Conditions to avoid: None under normal processing.
 Incompatible Materials: Acids. Oxidizing agents.
 Reducing agents.
 Hazardous Decomposition Products: None known.

Section 11. Toxicological Information

Route(s) of Exposure: Eye Contact. Skin Contact. Inhalation. Ingestion.
 Information on likely routes of exposure: Eye contact: Avoid contact with eyes.
 Inhalation: Avoid breathing vapors and mists.
 Ingestion: Do not taste or swallow.
 Isopropyl Alcohol CAS-No. 67-63-0
 Oral LD50: 5840 mg/kg (Rat)
 Dermal LD50: >12800 mg/kg (Rat)
 Inhalation LC50: >10,000 ppm (Rat) 6 hrs
 Delayed-immediate effects, also chronic effects from short & long term exposure: Carcinogenicity:
 The product as a whole has not been tested.
 Isopropyl Alcohol CAS-No. 67-63-0
 ACGIH: A4
 IARC: Group 3
 NTP: N.A.
 OSHA: N.A.
 Numerical measures of toxicity: N.D.

Section 12. Ecological Information

Ecotoxicity: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms.

Isopropyl Alcohol CAS-No. 67-63-0
Algae/aquatic plants: Known Toxin
Fish: Known Toxin
Toxicity to microorganisms: No Information
Crustacea: Known Toxin

Glycerol CAS-No. 56-81-5
Algae/aquatic plants: No Information
Fish: Known Toxin
Toxicity to microorganisms: No Information
Crustacea: Known Toxin

Triethanolamine CAS-No. 102-71-6
Algae/aquatic plants: Known Toxin
Fish: Known Toxin
Toxicity to microorganisms: No Information
Crustacea: Known Toxin

Persistence and degradability: N.D.

Bioaccumulation: N.D.

Mobility: N.D.

Chemical Name:
Isopropyl Alcohol CAS-No. 67-63-0
Partition Coefficient: 1.1

Other adverse effects: N.D.

Section 13. Disposal

Disposal of Wastes: Dispose according to all local, state and federal regulations.

Contaminated Packaging: Dispose according to all local, state and federal regulations.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not Regulated
DOT Classification Not Regulated
Packing Group Not Regulated

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.

SARA 302: N.A.

SARA 304: N.A.

SARA 313:	Isopropyl alcohol.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	ISOPROPYL ALCOHOL.
Pennsylvania Right to Know Components:	2-PROPANOL.
Rhode Island Right to Know Components:	isopropyl alcohol.

Section 16. Other Information

Revision Date	2/7/2023
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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National Fire Protection Association (U.S.A): Health Hazard	1
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National Fire Protection Association (U.S.A): Fire Hazard	0
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National Fire Protection Association (U.S.A): Instability Hazard	0
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