



Safety Data Sheet

Surgical Instruments Low Suds Detergents

Section 1. Identification

Product Identifier Surgical Instruments Low Suds Detergents
Synonyms MDS88000B1; MDS88000B6; MDS88000B7; MDS88000B8; MSD_SDS0146
Manufacturer Stock Numbers MDS88000B1; MDS88000B6; MDS88000B7; MDS88000B8

Recommended use Multi-Purpose Instrument Detergent and Cart Wash.
Uses advised against N/A

Manufacturer Contact Medline
Address 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 This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200 - Category N/A

Signal Word
Pictogram

Hazard Statements While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Precautionary Statements

Response	N/A
Prevention	N/A
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
102-71-6	Triethanolamine	Trade Secret %
56-81-5	Glycerin	Trade Secret %

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

Section 4. First-Aid Measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately.
Eye contact:	Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call physician immediately.
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 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 attention.
Symptoms:	May cause mild skin irritation. May cause eye irritation. Inhalation may cause respiratory tract irritation. Ingestion may cause nausea.
Note to Physician:	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use water, CO2, dry chemical or foam to extinguish.
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 & emergency procedures:	<p>Personal precautions: Use personal protective equipment as required. The wet, contaminated surface may be slippery.</p> <p>For emergency responders: Restrict access to spill area. Ventilate the area.</p> <p>Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas.</p>
Methods and materials for containment and cleaning up:	<p>Methods for Containment: Prevent further leakage or spillage if safe to do so.</p> <p>Methods for cleaning up: Absorb with inert material. Shovel or sweep spills. Flush remainder with plenty of water.</p>

Section 7. Handling and Storage

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Keep out of the reach of children and pets.
Conditions for safe storage, including any incompatibilities:	<p>Storage conditions: Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials.</p> <p>Incompatible materials: Strong acids, oxidizers and alkalis.</p>

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Triethanolamine	TWA: 5 mg/m3	N/A	N/A
	Glycerin	TWA: 10 mg/m3 (mist)	TWA: 15 mg/m3 mist, total particulate TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield			

Appropriate engineering controls:

Eyewash stations.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:

Wear goggles, chemical safety glasses or a face protection shield.

Skin and Body Protection

Chemical resistant, impermeable gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection:

Under normal conditions a respirator is not normally required. A mask or respirator may be used if vapor concentration is high.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practices.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Blue/Clear Liquid
Odor	Non-specific
Odor Threshold	N.D.
Solubility	Completely soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.065
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not flammable
FP Method	N.A.
pH	7.0 - 9.0
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	< 1
Flammability	N/A-Liquid.
Decomposition Temperature	N.D.
Auto-ignition Temperature	Not Flammable
Vapor Pressure	N.D.
Vapor Density	> 1

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.
Hazardous polymerization:	Hazardous polymerization will not occur.
Conditions to avoid:	None under normal processing.
Incompatible materials:	Strong acids, oxidizers and alkalis.
Hazardous decomposition products:	None known.

Section 11. Toxicological Information

Routes of exposure:	Eye Contact. Inhalation. Ingestion. Skin Contact.
Information on likely routes of exposure:	Ingestion: Do not taste or swallow. Inhalation: Avoid breathing vapors or mists. Eye contact: Avoid contact with eyes. Skin contact: Avoid contact with skin.
	Component Information: Chemical name: Triethanolamine CAS No. 102-71-6 Oral LD50: 5000 mg/kg (Rat) Dermal LD50: 2000 mg/kg (Rabbit) Inhalation LC50: N.A.
Delayed-immediate effects, also chronic effects from short & long term exposure:	Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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. Chemical name: Triethanolamine CAS No. 102-71-6 Algae/aquatic plants: Known toxin. Fish: Known toxin. Toxicity to microorganisms: N.D. Crustacea: Known toxin.
Persistence and degradability:	N.D.
Bioaccumulation:	N.D.
Mobility:	Chemical Name: Triethanolamine CAS No. 102-71-6 Partition coefficient: -1.00
Other adverse effects:	N.D.

Section 13. Disposal

Waste treatment methods: 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
IATA:	Not Regulated
IMDG:	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:	N.A.
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:	GLYCERIN. TRIETHANOLAMINE.
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL. ETHANOL, 2,2',2"-NITRILOTRIS-.
Rhode Island Right to Know Components:	glycerol. Triethanolamine.
Massachusetts Right to Know Components:	N.A.

Section 16. Other Information

Revision Date 2/7/2023

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

National Fire Protection 1
Association (U.S.A): Health
Hazard

National Fire Protection 0
Association (U.S.A):
Flammability

National Fire Protection 0
Association (U.S.A):
Instability Hazard

National Fire Protection N.D.
Association (U.S.A):
Special Hazard

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