



Safety Data Sheet

SURGICAL INSTRUMENTS HIGH SUDS DETERGENTS

Section 1. Identification

Product Identifier SURGICAL INSTRUMENTS HIGH SUDS DETERGENTS
Synonyms MDS88000B2; MSD_SDS0193
Manufacturer Stock Numbers MDS88000B2

Recommended use Manual Medical Instrument Cleaning.
Uses advised against Use only as directed.

Manufacturer Contact Address
Medline Industries, Inc.
3 Lakes Drive
Northfield, IL, 60093
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification No OSHA Hazard Classifications Applicable - Category N.A.

Signal Word

Pictogram

Hazard Statements No OSHA Hazard Classifications Applicable

Precautionary Statements

Response N/A

Prevention N/A

Storage N/A

Disposal	N/A
Ingredients of unknown toxicity	N.D.
Hazards not Otherwise Classified	N.D.
Classification:	This chemical does not meet the hazardous criteria set fourth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
This product contains no substances which at their given concentration, are considered to be hazardous to health.		

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

Section 4. First-Aid Measures

Eye Contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists seek medical attention.
Skin Contact:	Wash skin with flowing water or shower. If irritation persists, seek medical attention.
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.
Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.
Most important symptoms and effects, both acute and delayed:	Symptoms: May cause mild skin and eye irritation. May cause nausea, vomiting and diarrhea if ingested.
Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water, Carbon Dioxide (CO2), Foam, Dry Chemical
Unsuitable Extinguishing Media	N.D.

Specific hazards arising from the chemical: None known.

Protective Equipment and 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 recommended in section 8. 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. See Section 12 for additional ecological information.

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:
Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. 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 dry, cool and well-ventilated place away from incompatible materials. Keep out of the reach of children and pets.

Incompatible Materials:
Strong acids and oxidizers.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	This product contains no substances which at their given concentration, are considered to be hazardous to health.	N/A	N/A	N/A

Personal Protective Equipment: Goggles, Gloves, Face Shield

Exposure Guidelines: No exposure limits noted for ingredient(s).

Appropriate Engineering Controls:
Individual protection measures, such as personal protective equipment:

Engineering Controls:
Eyewash stations.

Eye/Face Protection:
Wear goggles, chemical safety glasses or a face protection shield.

Skin and Body Protection
Chemical resistant, impermeable gloves.
No special clothing is required.

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	Green Clear Liquid
Odor	Non-Specific
Odor Threshold	N.A.
Solubility	Completely Soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.025-1.045 68°F (20°C)
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not Flammable
FP Method	N.A.
pH	6.5 - 8.0 68°F (20°C)
Melting Point	< 32°F/<0°C (Approximate)
Boiling Point	> 194°F/> 90°C (Approximate)
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	< 1 (Butyl acetate = 1) (Approximate)
Flammability	N/A-Liquid
Decomposition Temperature	N.D.

Auto-ignition Temperature	Not Flammable
Vapor Pressure	N.D.
Vapor Density	> 1 (Air = 1) (Approximate)

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:	Not reactive under normal conditions.
Incompatibility (Materials to Avoid):	Strong oxidizers. Strong acids.
Hazardous Decomposition Products:	None known.

Section 11. Toxicological Information

Information on likely routes of exposure:	Product information:
	Eye contact: Avoid contact with eyes.
	Skin contact: Avoid contact with skin.
	Inhalation: Avoid breathing vapors or mists.
	Ingestion: Do not taste or swallow.
Information on Physical, Chemical and Toxicological Effects:	Symptoms: Please see section 4 of this SDS for symptoms.
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.
Specific Target Organ Toxicity - Single exposure:	N.D.
Specific Target Organ Toxicity - Repeated exposure:	N.D.

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.

Persistence and degradability: N.D.

Bioaccumulation: N.D.

Mobility: N.D.

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

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

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.

State Regulations: N.A.

Section 16. Other Information

Revision Date: 12/21/2017

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

HMIS (U.S.A.): Health Hazard N.D.

HMIS (U.S.A.): Flammability N.D.

HMIS (U.S.A.): Physical Hazard N.D.

HMIS (U.S.A.): Personal Protection N.D.

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

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

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

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

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