

**MATERIAL SAFETY DATA SHEET**

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

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**HMIS RATING:** HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = A**NFPA RATING:** HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0**IDENTITY - As used on Label and List**

SPECTRA-SONIC / LOW SUDS LIQUID DETERGENT

**SECTION I - Contact Information***Distributed By:***Spectrum Surgical Instruments  
4575 Hudson Drive  
Stow, OH 44224***Emergency Telephone Numbers:*Contact Your Regional Poison Control Center  
or 1-800-535-5053 (24 Hours)For Information call **1-800-444-5644****SECTION II - Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Specific Chemical Identity; CAS Number</b>				
Amphoteric Surfactant, #73772-46-0	N/D	N/D	N/D	
Citric Acid, #77-92-9	N/D	N/D	Oral LD50 Rat=11,700mg/kg	

DOT: Non-Hazardous

All ingredients in this product are on the TSCA list.

This product does not contain any amount of any chemical required to be reported under SARA 313.

**SECTION III - Physical/Chemical Characteristics**

**Boiling Point:** >212 F      **Specific Gravity (H<sub>2</sub>O = 1):** 1.103  
**Vapor Pressure (mm Hg.):** N/D      **Melting Point:** N/A  
**Vapor Density (AIR = 1):** N/D      **Evaporation Rate (Butyl Acetate = 1):** N/D  
**Solubility in Water:** Complete      **pH:** 8.9-9.1  
**Appearance and Odor:** Clear blue liquid with fresh odor.

**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Water fog, foam, carbon dioxide, or dry chemical.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

**SECTION V - Reactivity Data**

**Stability:** Stable.  
**Incompatibility (Materials to Avoid):** Strong oxidizing agents.  
**Hazardous Decomposition or By-products:** Oxides of carbon.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** None.

**SECTION VI - Health Hazard Data****Route(s) of Entry:****Inhalation:** No**Skin:** Yes**Ingestion:** Yes

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**Health Hazards (Acute and Chronic):**

**Inhalation:** None expected under use conditions.

**Eyes:** Contact may cause irritation.

**Skin:** Prolonged or repeated contact may cause irritation.

**Ingestion:** Can cause nausea, headache, and dizziness.

**Carcinogenicity:** NTP: N/A      **IARC Monographs:** N/A      **OSHA Regulated:** N/A

**Signs and Symptoms of Exposure:**

**Inhalation:** None expected under normal use conditions.

**Eyes:** Irritation, redness, and tearing.

**Skin:** Irritation, itching, and/or redness.

**Ingestion:** Nausea, headache, and dizziness.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting skin disorders may be aggravated by prolonged exposure to this product.

**Emergency and First Aid Procedures:**

**Inhalation:** Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

**Eyes:** Rinse with water for at least 15 minutes. If irritation persists, seek medical attention immediately.

**Skin:** Wash with water. If irritation persists, seek medical attention.

**Ingestion:** Drink a quart of water. Call a physician immediately. Never give anything to an unconscious person.

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**SECTION VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:** Rinse area with water. Clean up with mop or sponge. Product is biodegradable.

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations

**Precautions to Be Taken in Handling and Storing:** Store in a cool, dry area.

**Other Precautions:** Keep out of reach of children.

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**SECTION VIII - Control Measures**

**Respiratory Protection (Specific Type):** None

**Ventilation:** Local Exhaust: None  
Special: None

**Mechanical (General):** None  
**Other:** None

**Protective Gloves:** Not normally necessary.

**Eye Protection:** Recommended.

**Other Protective Clothing or Equipment:** None

**Work/Hygienic Practices:** None

*Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively*