

MSDS Enzymatic Cleaner Surgical Instrument Detergent Lubricant UPS-1

MSDS enzymatic detergent, MSDS surgical instrument cleaner, MSDS rapid multi-enzyme cleaner, MSDS enzyme foam spray, MSDS ultrasonic cleaning solution, MSDS surgical milk, MSDS surgical instrument lubricant, MSDS Surgical Instrument Washer Disinfectant Detergent, Section 1 Product Identification Product Names include: all-in-ONE™, Surgical Instrument Cleaner with Conditioners™, UPS-1™, all-in-ONE™, easy FOAM-it™, Universal Processing Solution™, ONE-Step Cleaner™, Surgical Instrument Cleaning Detergent Enzyme Lubricant™.

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Appearance: green/blue, clear liquid

Odor: Mint fresh odor

Chemical Description: liquid concentrate with Neutral pH (~7) surfactant cleaning conditioner ingredients that compound the efficacy of the cleaning process include: four Enzymes (Protease, Amylase, Lipase, Carbohydrase enzymes), surfactant detergents, ionic bonding lubricant, anti corrosion, water softener. The ingredients when diluted and used properly are non-irritating, biodegradable, phosphate free, and neutral pH.

Ratings	NPFA	HMIS
Health	1	1
Fire	0	0
Reactivity	0	0

Section 2 Hazardous Component Information

No hazardous components as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200.

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Section 3 Hazards Identification

Primary Route of Entry: Skin, and eyes.

Potential Health Effects: Signs and Symptoms of Exposure:

Eyes: Could be irritating to the eyes when in undiluted concentrated form.

Skin: No hazards expected.

Ingestion: Could cause nausea and vomiting.

Inhalation: No known effects.

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Section 4 First Aid Procedures

Eyes: Following direct eye contact, flush eyes immediately with plenty of water, for fifteen minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.

Skin: Tests indicate no toxic reactions, however as a safety precaution, wash skin with cold water if contact occurs.

Ingestion: If swallowed wash mouth out immediately with plenty of water, provided victim is conscious. Give copious amounts of water. Never give anything by mouth to an unconscious person.

Inhalation: Tests indicate no toxic reactions however, move victim to fresh air if any symptoms arise.

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Section 5 Fire Fighting Measures

Fire Fighting Procedures: Use self contained breathing apparatus.

Extinguishing Media: Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Hazardous Combustion Products: None known.

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Section 6 Accidental Release Measures

Steps to be taken in the event of spills, leaks or release: For small spills: add inert absorbent, sweep up, and place the material in plastic drums approved for disposal. For large spills: Dike to contain and pump into drums approved for disposal. Follow all local, state and federal environmental regulations.

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Section 7 Handling & Storage Handling: Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Wash thoroughly after handling.

Storage: Keep container tightly closed when not in use and during transport. Store at room temperature.

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Section 8 Exposure Controls/Personal Protection

Personal Protective Equipment: General: Protect from clothing by wearing coveralls. Eye and Face Protection: In cases where there is likelihood of eye contact with undiluted product, wear chemical goggles. Skin Protection: Wear impervious gloves as a standard handling practice.

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Section 9 Physical & Chemical Properties Solubility in water: Soluble Specific Gravity: 1.05 (water =1.00)

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Section 10 Stability & Reactivity

General stability considerations: Product is stable. Incompatible materials: Bleaches, disinfectants or other detergents may inhibit the effectiveness of the formulation. Hazardous decomposition products: None known Hazardous Polymerization: Will not occur.

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Section 11 Disposal Considerations: Dispose of in accordance with all local, state and federal environmental regulations.

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Section 12 Transport Information:

This product does NOT meet the criteria for a D.O.T. HAZARDOUS MATERIAL as defined by 49 CFR parts 171-173.

Proper Shipping Name: Surgical Instrument Cleaning Detergent Enzyme Lubricant compound, liquid

The information and recommendations contained herein are based upon data believed to be correct, however no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Approved By: *Steven A. Rubin*

Date Revised: 04/22/2010 Steven A. Rubin VP of Technical Affairs

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