

MSDS Enzyme Detergent Surgical Instrument Cleaner

Section 1 Product Identification Product Names: Enzyme Detergent Surgical Instrument Cleaner, all-in-ONE™ Surgical Instrument Cleaner, Surgical Instrument Cleaner with Conditioners™, UPS¹™, all-in-ONE™, easy FOAM-it™, Universal Processing Solution™, ONEStep Cleaner™

Product Support: email @ Support@ergo-Logistics.com Info@yourCEBA.com

www.yourCEBA.com, www.ergo-Logistics.com Telephone: John Temple 509-747-5027, 509-981-1553

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.: 4 Enzyme (Protease, Amylase, Lipase, Carbohydrase enzymes) Detergent Cleaners, ionic bonding lubricant, anti corrosion, water softener. non-irritating, 100 % Biodegradable, Phosphate free, and Neutral pH [Surgical Instrument Cleaner](#)

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

MSDS Surgical Instrument Cleaner [with Conditioners all-in-ONE](#), and easy FOAM-it Surgical Instrument Cleaner [with Conditioners](#)

Section 2 Hazardous Component Information

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

MSDS all-in-ONE, and Easy FOAM-it

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 in concentrated form prior to dilution.

Skin: No hazards expected.

Ingestion: Could cause nausea and vomiting.

Inhalation: No known effects.

MSDS [Enzyme Detergent Surgical Instrument Cleaner with Conditioners all-in-ONE](#), and easy FOAM-it [pre wash Surgical Instrument Cleaner](#)

Section 4 First Aid Procedures

Eyes: Following 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 victim 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.

MSDS Surgical Instrument Cleaner [with Conditioners all-in-ONE](#), and [easy FOAM-it Surgical Instrument Cleaner with Conditioners](#)

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.

MSDS Enzyme Detergent Surgical Instrument Cleaner, all-in-ONE, and easy FOAM-it Surgical Instrument Cleaner [with Conditioners](#)

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.

MSDS Surgical Instrument Cleaner [with Conditioners all-in-ONE](#), and easy FOAM-it [Surgical Instrument Cleaner with Conditioners](#)

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.

MSDS [Enzyme Detergent Surgical Instrument Cleaner](#) all-in-ONE, and easy FOAM-it [Surgical Instrument Cleaner with Conditioners](#)

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.

MSDS [Surgical Instrument Cleaner with Conditioners all-in-ONE](#), and [easy FOAM-it Surgical Instrument Cleaner with Conditioners](#)

Section 9 Physical & Chemical Properties

Solubility in water: Soluble

Specific Gravity: 1.05 (water =1.00)

MSDS all-in-ONE, and Easy FOAM-it Surgical Instrument Cleaner and Conditioners **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.

MSDS [Enzyme Detergent Surgical Instrument Cleaner](#) all-in-ONE, and easy FOAM-it [Surgical Instrument Cleaner with Conditioners](#)

Section 11 Disposal Considerations:

Dispose of in accordance with all local, state and federal environmental regulations.

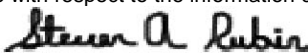
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Section 12 Transport Information:

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 concentrate, 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: 

Date Revised: 04/22/08 Steven A. Rubin VP of Technical Affairs