

MSDS HYDRIM Cleaning Solution

Enzyme Detergent Surgical Instrument Lubricant Cleaners

Section 1 Product Identification Names include: UPS-2 HYDRIM Cleaning Solution, all-in-ONE, Universal Processing Solution

Contact Information: 1-509-747-5027, John Temple, email: Temple@ergo-Logistics.com TempleCEBA@Live.com

Appearance: green/blue, clear liquid

Odor: Mint fresh odor

NOT A HAZARDOUS MATERIAL: This product does NOT meet the criteria for a D.O.T. HAZARDOUS MATERIAL as defined by 49 CFR parts 171-173. Chemical Description: Neutral pH (7) liquid concentrate with 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, and bacteriostatic agents. 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 UPS-2 MSDS HYDRIM Cleaning Solution

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

MSDS HYDRIM Cleaning Solution

Section 3 Hazards Identification MSDS HYDRIM Cleaning Solution

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 and concentrated form.

Skin: No hazards expected.

Ingestion: Could cause nausea and vomiting.

Inhalation: No known effects.

Section 4 First Aid Procedures UPS-2 MSDS HYDRIM Cleaning Solution

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.

MSDS HYDRIM Cleaning Solution 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.

Section 6 Accidental Release Measures UPS-2 MSDS HYDRIM Cleaning Solution

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.

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.

Section 8 Exposure Controls/Personal Protection UPS-2 MSDS HYDRIM Cleaning Solution

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.

Section 9 Physical & Chemical Properties UPS-2 MSDS HYDRIM Cleaning Solution

Solubility in water: Soluble Specific Gravity: 1.05 (water =1.00)

Section 10 Stability & Reactivity UPS-2 MSDS HYDRIM Cleaning Solution

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 to be Hazardous Polymerization will not occur.

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

Section 12 Transport Information:

MSDS HYDRIM Cleaning Solution

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

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.

Proper Shipping Name: HYDRIM Cleaning Solution UPS-2 Surgical Instrument Cleaning Detergent Enzyme Lubricant

Approved By: 

Date Revised: 04/22/2013 Steven A. Rubin VP of Technical Affairs