



Safety Data Sheet

Medical Enzyme Detergent Spray Gel

Date: 18 October 2013
(Preparation or Last Revision)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Medical Enzyme Detergent Spray Gel
PRODUCT USE: Instrument Cleaner
MANUFACTURER: Enzyme Solutions Incorporated
 2105 Forrest Park Drive
 Garrett, IN 46738
EMERGENCY: CHEMTREC
 1-800-424-9300 USA & Canada
 1-703-527-3887 Outside USA & Canada

Telephone: +1 (800) 523-1323
 Fax: +1 (260) 497-0512
 Website: www.enzymesolutions.com

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT:	CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
None				

SECTION 3: COMPOSITION

COMPOSITION: Mixture consisting of the following components

	CAS No.	SYNONYMS	MOLECULAR FORMULA	IDENTIFIERS
Enzyme Formula		Proprietary Enzyme Blend	Proprietary	
Surfactants				

SECTION 4: FIRST AID MEASURES

EYES: Flush with running cool water for 20 minutes. Seek medical attention if irritation persists.
SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation persists.
INGESTION: Do NOT induce vomiting. Drink cool water. Call physician if nausea persists.
INHALATION: Move victim to fresh air. Call a physician immediately.

SECTION 5: FIRE & EXPLOSION HAZARD DATA

GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
FLASH POINT: N/A
AUTOIGNITION TEMPERATURE: N/A
HAZARD CLASSIFICATION: N/A
HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PROTECTION:** A
EXTINGUISHING MEDIA: Use extinguishing media appropriate for specific fire
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions Spills can cause floors to be slippery.
Spill and Leak Procedures Secure area with signs warning of slippery floors. Clean spill with mop or rags.
Environmental Precautions None

SECTION 7: HANDLING & STORAGE

HANDLING & STORAGE: Store in cool, dry place. Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of 120°F. KEEP OUT OF REACH OF CHILDREN
OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required in well ventilated areas
EYE PROTECTION: None required
SKIN PROTECTION: Gloves recommended for prolonged exposure
ENGINEERING CONTROLS: N/A
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None



SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

pH: 6.0-8.0
 Boiling Point: N/A
 Freezing Point: N/A
 Specific Gravity (H₂O = 1): 1.010-1.020
 Vapor Pressure (mm Hg): N/A
 Vapor Density (AIR = 1): N/A
 Evaporation Rate (Butyl Acetate = 1): N/A
 Solubility in Water: Complete
 Appearance and Odor: Clear light blue liquid gel, mild odor

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Yes
CONDITIONS TO AVOID: Do NOT mix with other chemicals
INCOMPATIBILITY (MATERIAL TO AVOID): None
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None
HAZARDOUS POLYMERIZATION: None



Safety Data Sheet

Medical Enzyme Detergent Spray Gel

SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS: Caution

Potential Health Effects:

Inhalation: May cause sensitization, shortness of breath
 Eye: Irritation, redness
 Skin: Irritation, redness
 Ingestion: May cause gastrointestinal discomfort, nausea
 Target Organs: None

Primary Routes of Exposure: Skin
 Potential Effects of Chronic Exposure: None
 Carcinogenicity: N/A
 Irritation/Sensitization: N/A
 Teratogenicity: N/A
 Mutagenicity: N/A
 Reproductive Toxicity: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None
 Biodegradability: N/A
 Bioaccumulation: N/A
 Mobility: N/A
 Other Adverse Effects: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Resource Conservation & Recovery Act (RCRA) Waste Number: N/A

Basic Shipping Description: Liquid detergent, non-hazardous
 IATA

Proper Shipping Name: N/A
 Hazard Class: N/A
 Hazard Label: N/A
 Packing Group: N/A
 Packaging Instruction: N/A
 Special Provisions: N/A
 U.S. Department of Transportation (DOT): N/A

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes
CERCLA/SARA - Hazardous Substances and their Reportable Quantities: None
302 Extremely Hazardous Substances EPCRA RQs: No
302 Extremely Hazardous Substances TPQs: No
CERCLA/SARA - 311/312: No
CERCLA/SARA - 313: No

US State Regulations:

California - 8 CCR Section 339 - Director's List of Hazardous Substances: No

Right to Know:

Massachusetts, Pennsylvania, Minnesota, Florida, New Jersey: No

International Regulations:

WATER HAZARD CLASS (GERMANY): N/A

Canada

Domestic Substances List (DSL): N/A

WHMIS - Ingredient Disclosure List: N/A

WHMIS Status: N/A

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information provided in this Safety Data Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, ENZYME SOLUTIONS INCORPORATED MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Enzyme Solutions Incorporated be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Enzyme Solutions Incorporated has been advised of the possibility of such damages. We reserve the right to update an SDS from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

Manufactured By/Contact Source for Additional Information

Enzyme Solutions Incorporated	Phone Number: 1-800-523-1323
2105 Forrest Park Drive	Fax Number: 1-260-497-0512
Garrett, IN 46738	Email Address: Samih@enzymesolutions.com
United States of America	Preparer's Name: Samih Abouhalkah