

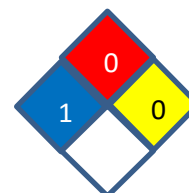


## SAFETY DATA SHEET

### Section 1: Identification

Product Name: Medical Enzyme Detergent Spray Gel NFPA  
 Product Code: ZUTR50560, ZUTR50562

Recommended Use: Instrument Pre-Cleaner  
 Manufacturer: Enzyme Solutions Incorporated 2105  
 Forrest Park Drive  
 Garrett, IN 46738 USA



HMIS

Telephone #: +1-800-523-1323  
 FAX #: +1-260-553-9104  
 Website: www.enzymesolutions.com  
 Issue Date: 18-October-2013  
 Date of Last Revision: 23-November-2015  
**Emergency Contact: Chemtrec 1-800-424-9300 USA and Canada**  
**Chemtrec 1-703-527-3887 Outside USA and Canada**

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

### Section 2: Hazard(s) Identification

GHS Pictogram:



Signal Word: **WARNING**  
 Hazard Statement: May cause skin and eye irritation.  
 Precautionary Statements: P264 - Wash hands and exposed areas thoroughly after handling.  
 P280 - Wear eye protection, protective gloves.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P305+P351 - IF IN EYES: Rinse cautiously with water for several minutes.

### Section 3: Composition / Information on Ingredients

Name	CAS No.	% by weight
Water	7732-18-5	78.5 - 91.0
Enzyme Blend	Trade Secret	3.0 - 3.5
Alcohol Ethoxylate	68439-46-3	1.0 - 5.0
Sodium Xylene Sulfonate	1300-72-7	1.0 - 5.0
Propylene Glycol	57-55-6	4.0 - 8.0

### Section 4: First Aid Measures

Eye Contact:	Immediately flush with cool water for at least 20 minutes. Seek medical attention if irritation persists.
Skin Contact:	Immediately wash skin with soap and water for at least 20 minutes while removing contaminated clothing. Seek medical attention if irritation persists.
Ingestion:	Do NOT induce vomiting. Drink cool water. Call a physician or poison control center. Never give anything by mouth to an unconscious person.
Inhalation:	Move victim to fresh air. Seek medical attention immediately.

### **Section 5: Fire Fighting Measures**

Extinguishing Media:	Use extinguishing measures appropriate to local circumstances and surrounding environment.
Flash Point:	Not applicable.
Auto Ignition Temperature:	Not applicable.
Specific hazards:	Not flammable or combustible.
Special protective equipment:	As in any fire, wear a self-contained breathing apparatus (SCBA), approved according to NFPA / NIOSH or equivalent and full protective gear.

### **Section 6: Accidental Release Measures**

Personal Precautions:	Keep personnel from entering spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches and waterways.
Methods for Containment:	Contain spills with an inert absorbent material, (sand, earth, vermiculite) and place in container for disposal according to local and national regulations.
Methods for Cleanup:	Flush away traces with water and clean with mop or rags.

### **Section 7: Handling and Storage**

Handling:	Use with adequate ventilation. Avoid breathing vapors, spray, or mist.
Storage:	Store in a cool dry place. Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of (50 °C) 120°F. Keep out of reach of children.

### **Section 8: Exposure Controls / Personal Protection**

Engineering Controls:	Good general ventilation should be sufficient.
Eye Protection:	Safety glasses are recommended but not required.
Skin Protection:	Gloves are recommended but not required.
Respiratory Protection:	Use an approved respirator if exposure limits are exceeded.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.

### **Section 9: Physical and Chemical Properties**

Appearance:	Gel
Color:	Light Blue
Odor:	Mild
pH:	6.0 - 8.0
Specific Gravity:	1.010 - 1.020
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Flash Point:	Not determined.
Water Solubility:	Completely soluble.
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Evaporation Rate:	Not determined.

### **Section 10: Stability and Reactivity**

Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	None known.
Conditions to Avoid:	Extreme heat.
Incompatible Materials:	None known.

### **Section 11: Toxicological Information**

Likely Routes of Exposure:	Inhalation, eye contact and skin contact.
<u>Potential Health Effects:</u>	
Eyes:	Health injuries are not known or expected under normal use.
Skin:	Health injuries are not known or expected under normal use.
Inhalation:	May cause allergic respiratory reaction.

Chronic Exposure: Health injuries are not known or expected under normal use.

**Section 12: Ecological Information**

Ecotoxicity: Not determined.

Biodegradability: Not determined.

Bioaccumulation: Not determined.

**Section 13: Disposal Considerations**

Waste Disposal: Dispose of in accordance with local, state and federal regulations.

**Section 14: Transport Information**

Land Transport (DOT): Not dangerous goods.

Sea Transport (IMDG/IMO): Not dangerous goods.

Air Transport (IATA): Not dangerous goods.

**Section 15: Regulatory Information**

TSCA Inventory: All components are listed.

CERCLA: Does not contain any components with reportable quantities.

SARA 302: None.

SARA 311/312 Hazards: Acute health hazard.

California Prop 65: None.

**Section 16: Additional Information**

Date of preparation: 18-October-2013

Date of Last Revision: 23-November-2015

SDS Author: Enzyme Solutions Incorporated

**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.