

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List) **UltiZyme Alkaline Detergent**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

## Section I

Manufacturer's Name MediSource, Inc.	Emergency Telephone Number US Shipments: <b>866-234-1447</b>
Address (Number, Street, City, State, and ZIP Code) 2925 Ledo Rd Suite 6 Albany GA 31707	Telephone Number for Information - <b>866-234-1447</b> Date Prepared <b>December 29, 2003</b> Signature of Preparer (optional) - R. Hawley

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Concentrated, aqueous alkaline solution. Proper Shipping Name: Alkaline Corrosive, Liquid, n.o.s.				
No hazardous components as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200				

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and. Or handling of this material when such use and/or handling is contrary to the label instructions. While the seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not to be deemed a warranty or representation of any kind for which Seller assumes legal responsibility.

## Section III - Physical/Chemical Characteristics

pH as is:	13	Specific Gravity (H <sub>2</sub> O = 1)	1.14
Solubility in Water Complete - Soluble			
Appearance and Odor - Translucent Liquid / Practically odorless			

## Section IV - Fire and Explosion Hazard Data

Extinguishing Media Use water spray, carbon dioxide, dry chemical powder or appropriate foam
Special Fire Fighting Procedures Use self contained breathing apparatus
Unusual Fire and Explosion Hazards Could release hydrogen gas, carbon monoxide and carbon dioxide.

### Section V - Reactivity Data

Stability	Unstable		
	Stable X		

Incompatibility (*Materials to Avoid*) Do not mix with strong acids such as Hydrochloric acid and Sulfuric acid. (Heat can develop) Do not mix with any other products.

Hazardous Decomposition or Byproducts Could release hydrogen gas, carbon monoxide, and carbon dioxide.

Hazardous Polymerization	May Occur		
	Will Not Occur X		

### Section VI – Health Hazard Data

Route(s) of Entry: Eyes? Yes      Inhalation? Yes      Skin? Yes      Ingestion? Yes

Health Hazards (*Acute and Chronic*)

Signs and Symptoms of Exposure

**Eyes :** Will cause burning if contact with eye(s) occurs. Degree of irritation depends upon duration of contact.

**Skin:** Will irritate and burn the skin. Degree of irritation depends upon duration of contact. Rinsing contact area immediately, with water, will dramatically reduce irritation

**Ingestion:** Harmful if swallowed, May cause burning

**Inhalation:** May cause headache, nausea, irritation of the nose, throat and lungs

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:** Following skin contact, wash area at once with plenty of water for fifteen minutes. Rinsing promptly with water will reduce irritation dramatically.

**Ingestion:** If swallowed wash mouth out immediately with water, provided person is conscious. Give victim a glass of water. Never give anything by mouth to an unconscious person. **Do not induce vomiting.** Get medical attention immediately.

**Inhalation:** Move victim to fresh air if irritation occurs. Get medical attention

### Section VII - Precautions for Safe Handling and Use

Waste Disposal Method – Dispose of by incineration with all local, state, and federal environmental regulations. Because this product contains water, supplemental fuel may be required. Do not discharge into waterways or sewer systems.

Precautions to be Taken in Handling and Storing Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Wash thoroughly after handling

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

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

Transportation – This product **does not** meet the criteria for a D.O.T. hazardous material as defined by 49 CFR parts 171-173

### Section VIII – Control Measures

Respiratory Protection (*Specify Type*) No ventilation necessary. No special Precautions required

Ventilation	Local Exhaust <i>N/A</i>	Special <i>N/A</i>
	Mechanical ( <i>General</i> ) <i>N/A</i>	Other <i>N/A</i>

Protective Gloves *Wear impervious gloves as a standard handling practice*      Eye Protection *In cases where there is likelihood of eye contact, wear chemical goggles*

Other Protective Clothing or Equipment *Protect from clothing by wearing coveralls.*

Work/Hygienic Practices Not Available

