

Material Safety Data Sheet



1.) Chemical Product and Company Identification

Product Name: **Sani-Soak ultra**

General Use: Medical and Dental Instrument cleaner

Product Description: Enzymatic Cleaner

Manufacturer:

Enzyme Industries, Inc.

P.O. Box 2242

2090 James Parkway

Heath, Ohio 43056

Phone: (740) 929-4975

Date Prepared: 1-01-05

2.) Composition/Information on Ingredients

Trade Secret

3.) Hazards Identification

NFPA and HMIS Codes

Fire: 1 Health: 2 Reactivity: 0

Emergency Overview

Immediate Concerns: Can cause Eye Irritation, Skin Irritation, and Respiratory Tract Irritation

Potential Health Effects

Eyes:

Irritating, and may injure eye tissue if not removed promptly

Skin:

Irritating, and prolonged exposure can cause skin damage

Ingestion:

Minimal toxicity.

Irritating to mouth, throat, and Stomach. May cause gastric tract disorder and. or damage.

Inhalation:

Irritating to eyes and respiratory tract in high concentrations.

4.) First Aid Measures

Eyes:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

Skin:

Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation persists, seek medical attention.

Ingestion:

If swallowed, and INDIVIDUAL IS CONCIIOUS, induce vomiting. Get prompt medical attention.

Inhalation:

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

5.) Fire Fighting Measures

Flash point: >212°F

Hazardous Combustion Products:

Carbon Monoxide, Carbon Dioxides of Nitrogen

Fire Fighting Procedures:

Use water to cool fire exposed surfaces and to protect personnel.

Isolate "fuel" supply from fire.

Use alcohol type foam, universal foam, dry chemical or water to extinguish fire.

6.) Handling and Storage

General Procedures:

Keep container closed. Handle open containers with care. Store in a cool, well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. It is known if this material is a static accumulator. Therefore, use proper grounding procedures. DO NOT pressurize, cut, heat, or weld containers. Empty product containers may contain residue. Do not reuse empty containers without commercial cleaning or reconditioning.

Storage Temperature: 120°F maximum

Storage Pressure: Atmospheric

Personal Protection

WORK HYGIENIC PRACTICES:

For open systems where contact is likely, wear long sleeves, chemical resistant gloves, and safety goggles.

7.) Physical and Chemical Properties

Physical state: Liquid

pH:~8.0

Boiling Point:~212°F

Freezing Point: <30°F

Solubility in water: Miscible

Appearance and odor: Acid violet, lemon-citrus scent

8.) Stability and Reactivity

Stable: Yes

Hazardous Polymerization: No

Notes: avoid contact with strong acids and strong oxidizing agents.

Hazardous Decomposition: Low molecular weight hydrocarbons, ammonia, polyacrylates and acrylic acid.

9.) Toxicological Information

Acute

Eyes: Draize Eye Score:44.3

Skin: Irritating, Primary Irritation Index=3.46

Ingestion: Oral LD50 (rat)=>16.81g/kg

10.) Ecological Information

Chemical Fate Information:

This material is expected to degrade at a moderate rate and be considered "inherently biodegradable" according to OECD protocol. It degraded 51% in a Zahn Wellens Inherent Biodegradability (OECD 302B) test.

11.) Disposal Considerations

Disposal Method:

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

Manufacturer Disclaimer:

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself/herself as to the suitability to satisfy himself/herself as to the suitability and completeness of such information for his/her own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.