

MATERIAL SAFETY DATA SHEET

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

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HMIS RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = B
 NFPA RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0

IDENTITY - As used on Label and List

ENZYMEX POWDER ENZYMATIC DETERGENT

SECTION I - Contact Information

Name & Address:
 Hu-Friedy Mfg. Co. Inc.
 3232 N. Rockwell St.
 Chicago, IL 60618

Emergency Telephone Numbers:
 Contact Your Regional Poison Control Center
 or 1-800-535-5053 (24 Hours)
 For information call 1-773-975-6100

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<i>Specific Chemical Identity; CAS Number</i>				
Sodium Metasilicate Pentahydrate, #6834-92-0	N/D	N/D	N/D	--
Sodium Sesquicarbonate, #533-96-0	N/D	N/D	N/D	--
Subtilisin, #9014-01-1	0.06µg/m ³	N/D	N/D	--
Cellulase, #9012-54-8	N/D	N/D	N/D	--

DOT: Non-Hazardous

All ingredients in this product are on the TSCA list.
 This product does not contain an amount of any chemical required to be reported under SARA 313.

SECTION III - Physical/Chemical Characteristics

Boiling Point: N/D Specific Gravity (H₂O = 1): N/D
 Vapor Pressure (mm Hg.): N/D Melting Point: N/A
 Vapor Density (AIR = 1): N/D Evaporation Rate (Butyl Acetate = 1): N/A
 Solubility in Water: Complete. pH: 10.0 (diluted)
 Odor: Lemon.
 Appearance: White powder with beige specs.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A
 Flammable Limits: LEL: N/A UEL: N/A
 Extinguishing Media: Foam, dry chemical, water fog, or carbon dioxide.
 Special Fire Fighting Procedures: None.
 Unusual Fire and Explosion Hazards: None.

SECTION V - Reactivity Data

Stability: Stable.
 Incompatibility (Materials to Avoid): Strong oxidizing agents.
 Hazardous Decomposition or By-products: May include and are not limited to oxides of carbon.
 Hazardous Polymerization: Will not occur.
 Conditions to Avoid: None.

SECTION VI - Health Hazard Data

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

Health Hazards (Acute and Chronic):

Inhalation: May irritate upper respiratory tract.

Eyes: Contact may cause irritation and/or redness.

Skin: Prolonged or repeated contact may cause irritation.

Ingestion: Can cause irritation, nausea, or stomach distress.

Carcinogenicity: NTP: N/A IARC Monographs: N/A OSHA Regulated: N/A

Signs and Symptoms of Exposure:

Inhalation: Lightheadness and/or irritation to nose and throat.

Eyes: Burning, redness, irritation.

Skin: Dry and itchy skin.

Ingestion: Burning or irritation to mouth and throat, stomach pain.

Medical Conditions Generally Aggravated by Exposure: Dermatitis and pre-existing skin conditions.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

Eyes: Rinse with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Drink a large quantity of water. Get medical attention immediately.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Scoop up product and place in container for disposal. Wash the contaminated area with water.

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

Precautions to Be Taken in Handling and Storing: Store in a cool dry area. Keep out of reach of children.

Other Precautions: Read and follow label instructions.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type): None.

Ventilation: General ventilation normally adequate.

Protective Gloves: Recommended.

Eye Protection: Safety glasses recommended.

Other Protective Clothing or Equipment: None.

Work/Hygienic Practices: None.

Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.