

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

Part Numbers Covered:

039600 039612
039601 039625
039602 039630
039603 039631
039611 039635

1. Basic Information:

Manufacturer: William H. Harvey Company

Address: 4334 South 67th Street

City, ST Zip: Omaha, NE 68117-1019

Emergency Contact: CHEMTREC (Transportation Emergency Only)

Emergency Telephone Number: (800)424-9300

Contact: Information Telephone Number

Information Telephone Number: (800)228-9681

Last Update: 03/22/2010

Expiration Date:

Chemical State: ☒ Liquid ☐ Gas ☐ Solid

Chemical Type: ☐ Pure ☒ Mixture



1	Health
0	Flammability
0	Reactivity
X	Pers. Protection

2. Ingredients:

☐ Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
	Ingredients not listed are either non-hazardous or in concentrations of less than 1%.							
NA	Viable Bacterial Cultures	< 10%				NA	NA	NI

3. Hazardous Identification:

Hazard Category:

☒ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive

Hazardous Identification Information:

This product is not considered hazardous under normal conditions of use.

4. First Aid Measures:

Route(s) of Entry:

Absorption, Ingestion, Eyes

Health Hazards (Acute and Chronic):

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EYES: This product may cause eye irritation.

SKIN CONTACT: Could cause mild skin irritation after prolonged contact.

INHALATION: Not a likely route of entry. Inhaling mist from this product could cause irritation to the lungs and mucus membranes.

INGESTION: Ingestion may result in abdominal pain, nausea and vomiting.

Signs and Symptoms:

See Health Hazards above.

Medical Conditions Generally Aggravated by Exposure:

None known, however persons with respiratory problems should avoid breathing any mist from this product.

Emergency and First Aid Procedures:

EMERGENCY FIRST AID CALL: 1-877-740-5015

EYE CONTACT: Rinse eyes with water for fifteen minutes. See a physician if irritation persists.

INHALATION: Move person to fresh air and avoid breathing mist from this product. If breathing problems develop, seek medical attention.

SKIN CONTACT: Wash the product off the skin with soap and water; if irritation develops seek the care of a physician.

INGESTION: Watch victim for any signs of illness. Induce vomiting only if advised by a physician.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: NA

Lower Explosive Limit: NA

Upper Explosive Limit: NA

F.P. Method:

Fire Extinguishing Media: Water spray, carbon dioxide, dry chemical powder.

Special Fire Fighting Procedures:

None.

Unusual Fire and Explosion:

None known.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local regulations.

7. Handling and Storage:

Precautions to be Taken:

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Store in a location away from children, food items and potable water.

Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment.

Always wash hands with soap and water before handling food or smoking. Use good chemical hygiene practices when working with any chemical.

Other Precautions:

None.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Normal room ventilation under normal conditions of use. If used in a manner that creates a mist, mechanical ventilation may be necessary.

Personal Protective Equipment:

RESPIRATORY PROTECTION: None required for normal use.

PROTECTIVE GLOVES: Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

EYE PROTECTIONS: Safety glasses with side shields or splash goggles are recommended.

OTHER PROTECTIVE CLOTHING: None required, however, avoid prolonged contact with the skin from soiled clothing.

9. Physical and Chemical Properties:

Boiling Point: 212° C

Melting Point: NA

Evaporation Rate (Butyl Acetate = 1): = WATER

Vapor Pressure (mm Hg.): = WATER

Specific Gravity (H₂O = 1): 1.00100

Vapor Density (AIR = 1): = WATER

Solubility In Water: 100%

Appearance and Odor: Cloudy liquid, pleasant fragrance.

Other Information: pH = 7.5 - 9.0

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Strong acids and alkali compounds may inactivate biological cultures

Decomposition/By Products:

None known.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

NDA

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12. Ecological Information:

NDA

13. Disposal Considerations:

Dispose of this product or its residues in accordance with all local, state, and federal requirements.

14. Transport Information:

TRANSPORTATION INFORMATION:

DOT PROPER SHIPPING NAME: N/A

DOT LABEL: N/A

DOT NUMBER: N/A

UN NUMBER: N/A

IMCO CLASS: N/A

DOT HAZARD CLASSIFICATION: N/A

15. Regulatory Information:

This product is not approved for sale in Canada

16. Other Information:

NI

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ABBREVIATIONS:

~ = Approximately
< = Less Than
> = Greater Than
ACGIH = American Conference of Governmental Industrial Hygienists
AIHA = American Industrial Hygiene Association
C = Degrees Celcius
Deg = Degrees
EPA = Environmental Protection Agency
F = Degrees Farenheit
HMIS = Hazardous Materials Information System
IARC = International Agency for Research on Cancer
NA = Not Applicable
NDA = No Data Available
NE = Not Established
NFPA = National Fire Protection Association
NI = Not Indicated
NIOSH = National Institute of Occupational Safety and Health
NTP = National Toxicology Program
OSHA = Occupational Safety and Health Administration

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