



Safety Data Sheet

SECTION 1: Identification

Product Name Bio-Zyme
Product Code 15-03

Recommended use Enzyme Cleaner for carpets

Manufacturer Mark V Products
 400 El Sobrante Road
 Corona, CA 92879
 (951) 280-9799

Emergency Phone # Chemtrec (800) 424-9300

SECTION 2: Hazard Identification

Classification of Substance Mixture
 Non Hazardous

Exposure Routes: Inhalation, Skin Absorption, Skin contact, Eye Contact, Ingestion

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.
Skin: May affect pre-existing conditions of dry skin and dermatitis.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting & diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.
Eyes: May cause irritation, redness, and tearing.

Label Elements

No special label requirements

Precautionary Statements Keep out of the reach of children
Storage / Disposal Dispose of according to local, regional and/or national regulations.

Other Hazard None

Other Information

HMIS

HEALTH HAZARD	1 - Slight
FLAMMABILITY HAZARD	0 - Minimal
REACTIVITY HAZARD	0 - Minimal
PERSONAL PROTECTION	n + p

SECTION 3: Composition / Information on Ingredients

HAZARDOUS INGREDIENT CAS NUMBER % LD50

None

SECTION 4: First Aid Measures

Description of first aid measures

Inhalation	Move Victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention
Skin	Rinse with water. Remove contaminated clothing and wash before re-use.
Eye	Remove contact lenses if present. Rinse with water for 15 minutes. Hold eyelids apart to insure flushing. Get medical attention if irritation develops.
Ingestion	Get immediate medical attention. If conscious give two glasses of water. Have medical personnel determine if vomiting is necessary.

Most important systems and effects, both acute and delayed

Product may cause drying of skin. Wear nitrile or rubber gloves when using product.

Indication of any immediate medical attention and special treatment needed

Note to Physician All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Fire Fighting Measures

Extinguishing media

Suitable Extinguishing Media CO₂, dry chemical, foam, water fog, water spray

Unsuitable Extinguishing Media None

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards None

Hazardous Combustion Products Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes.

Advice for firefighters

Wear approved SCBA with full facepiece operated in positive pressure demand mode. Hazardous Polymerization is not expected to occur. Avoid contact with strong oxidizing agents and strong acids

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions For large spills (500 gallons or more) wear appropriate protective equipment including rubber boots, gloves, goggles and apron.

Emergency Procedures Isolate spill or leak to prevent entering storm drains.

Environmental Precautions Avoid run off to waterways and storm drains.

Methods and materials for containment and clean up

Containment / Clean up Measures Stop leak if you can do it without risk. Dike ahead of liquid spill to prevent entering storm drains. Absorb and transfer to containers.

SECTION 7: Handling and Storage

Precautions for safe handling

Handling Product is slippery. If product is spilled onto floor, clean area to prevent slipping.

Conditions for safe storage, including any incompatibilities

Storage Store in a cool, dry place.

Incompatible Materials or Ignition Sources

Keep away from oxidizers and strong acids

SECTION 8: Exposure Controls / Personal Protection

Exposure Controls

Engineering

Measures / Controls

None needed when used as directed.

Personal Protective Equipment

Safety goggles, nitrile gloves

General Industrial Hygiene

Considerations

None needed when used as directed

SECTION 9: Physical and Chemical Properties

Information on Physical and Chemical Properties

Physical Form

Liquid

Appearance

Thin, opaque liquid

Color

Amber

Odor

Fresh n clean

Taste

Data Lacking

Particulate Type

N/A

Particulate Size

N/A

Aerosol Type

N/A

General Properties

Boiling Pt

212 F

Melting Point

Data Lacking

pH

7.0 - 8.0

SG / Density

1.00

Water Solubility %

100

Flash Pt.

> 250 F

SECTION 10: Stability and Reactivity

Reactivity

No dangerous reaction know under conditions of normal use

Chemical stability

Stable under normal temperatures and pressures.

Possibility of hazardous reactions

Hazardous polymerization is not expected to occur

Conditions to Avoid

High temperatures, freezing temperatures

Hazardous Decomposition

Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes

SECTION 11: Toxicological Information

Acute Toxicity:

Oral, LD50 estimated to be greater than 10,000 mg/kg

Component Information: See Section 3

Specific effects

Carcinogenic effects: None known

Mutagenic effects: None known

Reproductive toxicity: None known

Target organ effects: None known

SECTION 12: Ecological Information

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

SECTION 13: Disposal Considerations

Dispose of according to local, state and federal regulations.

SECTION 14: Transport Information

Product is not regulated for ground, ocean, and air transport.

SECTION 15: Regulatory Information

This product is not subject to reporting requirements for SARA 313, SARA 311/312, Clean Water Act, and CERCLA

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SECTION 16: Other Information

Dated : June 4, 2015

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