

SECTION 1 - PRODUCT IDENTIFICATION

Product name: Bio Zyme

Supplier details

Company: Detail King
947 Old Frankstown Rd.
Pittsburgh, PA 15239
Customer Service: 724-325-0008
jasonf@detailking.com

Emergency telephone number

INFOTRAC Domestic (24hr): 1-800-535-5053
INFOTRAC International (24 hr): 1-352-323-3500

Recommended use of the chemical and restrictions for use

Recommended use: Enzyme Cleaner
Restrictions for use: Advice in this document relates only to the product manufactured. The information of the ingredients used in this product has been provided by various suppliers. Additional hazards may occur if not used in accordance with product labeling.

SECTION 2 – HAZARDS IDENTIFICATION**GHS Classification**

Skin irritation: Category 2
Eye irritation: Category 2

GHS label element

Hazard pictograms:

Signal word: Warning

Hazard statements

Harmful if swallowed
Skin corrosion/irritation
Serious eye damage/irritation

Precautionary statements:**Prevention**

Only use in well-ventilated areas or outdoors
Wash hands, and any exposed skin thoroughly after handling
Wear eye protection/ face protection

Precautionary statements:**Response**

Specific treatment (see supplemental first aid instructions on this label)

Precautionary statements:**Storage**

Keep product lid closed tightly while storing
Stored in a secure location out of the reach of unauthorized users

Precautionary statements:**Disposal**

Use all material in container and dispose container in accordance with local, state, and federal regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS-No	Weight %	Trade Secret
Water	7732-18-5	>85	*
Enzymatic microbes	Proprietary	NA	*
Sodium lauryl sulfate	151-21-3	<5	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES**First aid measures**

Eye contact:	Immediately flush eyes with large amounts of water while holding eyelids open. Remove contact lenses. If irritation persists seek medical attention.
Skin contact:	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation:	Remove to fresh air.
Ingestion:	DO NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. If symptoms persist call a physician.
Immediate medical attention, special treatment:	Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	None. CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from Compound:	No information available.
Explosion data:	Product is not explosive.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Avoid eye contact.
Environmental precautions:	Refer to protective measures listed in Sections 7 and 8.
Methods and materials for containment and cleaning up:	Prevent further leakage or spillage if safe to do so. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling:	Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed and in a dry, cool and well-ventilated place. Keep out of the reach of children.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**Control parameters**

Exposure guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls: General ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Safety Glasses

Skin and Body Protection: Wear protective gloves and clothing. Long sleeved shirts and impervious gloves and recommended.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing. Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear/White
pH:	7.0 to 8.0
Melting point/freezing point:	No data available
Boiling point/boiling range:	No data available
Flash point:	94 _c /210 _f
Evaporation rate:	No data available
Flammability (solid,gas):	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Water solubility:	Completely miscible
Solubility in solvents:	No data available
Partition coefficient: n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	None
Oxidizing properties:	None
Softening point:	No data available
VOC content:	None

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Does not occur.
Conditions to avoid:	None based on information provided.
Incompatible material:	None based on information provided.
Hazardous decomposition products:	Carbon oxides.

SECTION 11 – TOXICOLOGICAL INFORMATIONInformation on likely routes of exposure**Product information**

Inhalation:	There is no data available for this product.
Eye contact:	There is no data available for this product.
Skin contact:	There is no data available for this product.
Ingestion:	There is no data available for this product.
Information of toxicological information:	Symptoms – Redness of the skin. May cause redness and tearing of the eyes. Coughing and/or wheezing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization:	No information available
Mutagenic effects:	No information available
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Reproductive toxicity:	No information available
STOT-Single exposure:	No information available
STOT-Repeated exposure:	No information available
- Chronic Toxicity:	No known effects based on information supplied
- Target Organ Effects:	No known effects based on information supplied
- Aspiration Hazard:	No information available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	The environmental impact of this product has not been fully investigated.
Persistence and Degradability:	No information available
Bioaccumulation:	No information available
Other adverse effects:	No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	This material, as supplied, is not hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if this material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.
Contaminated Packaging:	Dispose in accordance with local regulations.
California Hazardous Waste Codes:	561

SECTION 14 – TRANSPORT INFORMATION

DOT:		Not regulated
	Proper shipping name:	Non regulated
	Hazard class:	N/A
TDG:		Not regulated
MEX:		Not regulated
ICAQ:		Not regulated
IATA:		Not regulated
	Proper shipping name:	Non regulated
	Hazard class:	N/A
IMDG/IMO:		Not regulated
	Hazard class:	N/A
RID:		Not regulated
ADR:		Not regulated
AND:		Not regulated

SECTION 15 – REGULATORY INFORMATION

TSCA:	Complies
DSL:	All components are listed either on the DSL or NDSL.
<i>TSCA – United States Toxic Substances Control Act Section 8(b) Inventory</i>	
<i>DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List</i>	

U.S. Federal Regulations

Sara 313:	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
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SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
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CERCLA:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to the releases of this material.
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U.S. State Regulations

California Proposition 65:	This product does not contain any Proposition 65 chemicals.
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U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
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Version 1.0
International Regulations

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

No information available

Mexico – Grade

Canada
WHMIS Hazard Class

SECTION 16 – OTHER INFORMATION

NFPA:	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards –
HMIS:	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection X

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General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet