

SAFETY DATA SHEET - BIG TIME ENZYME

SECTION I – IDENTIFICATION:

Product Identifier: Big Time Enzyme
Manufacturer: Apogee Garden Supply
Address: 750 La Playa #616
San Francisco, CA 94121

Emergency Phone: 800-974-3102
Information: 800-974-3102

SECTION II – HAZARDS IDENTIFICATION

Classification of the substance or Mixture: This Product contains Citric acid at a level greater than 0% and less than 1%

Hazardous Components (Specific Chemical Identity): None

Common Name: None

Label Elements:

Classification System:

Hazard Pictograms: None

HMIS ratings: Health: 1

Signal Word: None

Flammability: 0

Hazard Statement: None

Physical Hazard: 0

NFPA ratings: Health: 1

Flammability: 0

Physical Hazard: 0

Other Hazards: Personal Protection Index: B

SECTION III – COMPOSITION/INGREDIENTS

Low Odor, stabilized is a proprietary composition that contains no hazardous ingredients at reportable concentrations.

SECTION IV – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.

Inhalation: If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administer oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.

Ingestion: Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

SECTION V – FIRE FIGHTING MEASURES

Flash Point: N/A

Protection: As in any fire wear MSHA/NIOSH approved breathing apparatus and protective gear

Extinguish Media: Water Fog/CO2/Chemical Foam

Special Fire Procedure: None

Fire Explosion Hazards: None

Flammable Limit: N/A

LEL & UEL: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency

procedures: Wear appropriate personal protective equipment (PPE) and clothing. Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.

Environmental

precautions: Prevent further leakage or spillage if safe to do so.

Methods for containment: Prevent entry into waterways, sewers, basements or confined areas. Absorb with liquid-binding materials (sand, universal binders, sawdust).

Methods for

clean-up: Wear appropriate protective equipment and clothing during clean-up.

Large spill: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state and Federal regulations.

Small spill: Follow same procedure as above.

SECTION VII – SAFE HANDLING /USE AND STORAGE

Precautions: Wear appropriate personal protective equipment (PPE) Avoid contact with skin and eyes.

Storage: Store at room temperature (under 130 degrees Fahrenheit)

Other Precautions: In case of eye or skin contact flush with water, if irritation persists contact physician

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: General eye protection suggested when handling any chemical product.

Hands: Chemical resistant gloves should be used when handling any chemicals.

Breathing Equipment: N/A

Body Protection: Wear appropriate protective work clothing.

General Measures: Use appropriate Hygiene practice – wash hands prior to eating drinking, smoking or using toilet. Promptly remove soiled clothing and wash prior to re-use.

SECTION IX – PHYSICAL /CHEMICAL CHARACTERISTICS

Appearance: Translucent dark amber liquid.

Odor: Mild

Odor threshold: Not Measured

pH: 5.5 – 6.5 @ 77° F (25° C)

Freezing point: < 32 ° F (0° C)

Boiling point: >212 ° F (100° C)

Flash point: Not available

Evaporation rate: <0.01 *N-butyl acetate = 1

Flammability (solid, gas): Not available

Lower and upper explosive limits: Not available

Vapor pressure: <0.01 mm Hg @ 68° F (20° C)

Vapor density (air = 1): Same as water.

Specific gravity: 1.07 – 1.11 @ 77° F (25° C)

Weight: 8.9 – 9.3 lbs. /gallon.

Solubility in water: Complete

Partition coefficient n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

VOC: Negligible

SECTION X - PRECAUTIONS FOR SAFE HANDLING /USE

Reactivity: Hazardous polymerization will not occur.

Chemical stability: Stable under normal circumstances.

Possibility of hazardous reactions: Strong oxidizing agents, alkalis.

Conditions to avoid: See Section 7.

Incompatible materials: Strong oxidizing agents, alkalis.

Hazardous decomposition products: None known

SECTION XI – TOXICOLOGY INFORMATION

Information on toxicological effects:

Acute toxicity: LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity. (>2,000 mg/kg).

Primary irritant effect:

On the skin: No irritant effect.

On the eye: May cause discomfort, yet not an eye irritant.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories · IARC (International Agency for Research on Cancer).

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

SECTION XII – ECOLOGICAL INFORMATION

Toxicity: Readily biodegradable.

Aquatic ecotoxicity:

48 hr. LC50 *D. pulex* (daphnia) <.36 mg/kg.

96 hr. LC50 *P. promelas* (fathead minnow) <.59 mg/kg.

Persistence and biodegradability: This product is readily biodegradable.

Bio accumulative potential: N/A

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

Other adverse effects: No data available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste treatment methods:

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

SECTION XIV – TRANSPORTATION INFORMATION

	(Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number:	Not Applicable	Not Applicable	Not Applicable
UN proper shipping name:	NMFC 48580.3 Cleaning/Scouring/Wash Comp Class 55	Not Regulated	Not Regulated
Transport hazard	DOT Hazard Class: N/A DOT Label: ---	IMDG: N/A Sub Class: Not Applicable	Air Class: N/A Sub Class: N/A
Packing group:	Not Applicable	Not Applicable	Not Applicable

Environmental

hazards: IMDG Marine Pollutant: No

Special precautions for user: No further information

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Applicable

SECTION XV – REGULATORY INFORMATION

Regulatory overview: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

DSL (Canada):

This product and/or all of its components are either included on or exempt from the Domestic Substances List.

US EPA Tier II Hazards:

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 302 Extremely Hazardous:

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

None

Penn RTK Substances (>1%):

None

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

OSHA (Occupational Safety & Health Administration)

None of the ingredients is listed.

GHS label elements: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

SECTION XVI – OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct.

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Date prepared: 06/01/2020

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