

Safety Data Sheet

SUNzyme ODOR CONTROL

Section 1 Identification

Trade Name: SUNzyme **General Info Phone:** (678) 427-8538
Product Identification: 12005SZ **Emergency Phone:** (678) 427-8538
Synonyms: Enzyme odor eliminator detergent
Product Use Description: Eliminates biological odors **Manufactured for:**
INNOVATIVE HEALTHCARE
225 Creekstone Ridge
Woodstock, GA 30188

Section 2 Hazards Identification

Classifications

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Sensitization – Subcategory 1A

GHS Label Elements, including Precautionary Statements

Signal Word: Warning

Hazard Statements

- Keep out of reach of children
- Read label and SDS before use
- May cause an allergic skin reaction



Precautionary Statements

Prevention

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves and eye protection

Precautionary Statements - Response

See First Aid Measures Section

- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs get medical advice/ attention
- Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local and national regulations.

Hazards Not Otherwise Classified (HNOC)

Not Applicable

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Other Information

Causes mild skin irritation

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available

Section 3 Composition

This product is a buffered and preserved aqueous solution containing surfactants, builders, fragrance and naturally-occurring viable bacterial cultures

Chemical Name	CAS #	Concentration % by Weight
1,2-Benzisothiazolin-3-one	2634-33-5	0.150-0.35

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

Section 4 First Aid

EMERGENCY OVERVIEW

WARNING: May be harmful if swallowed. Eye and skin irritant.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN CONTACT: Wash with plenty of soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions, see a physician.

INHALATION: Remove person to fresh air and keep comfortable for breathing.

INGESTION: Rinse out mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Itching, Rashes, Hives

INDICATION OF IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT NEEDED:

Notes to Physician: May cause sensitization of susceptible persons. Treat symptomatically.

Section 5 Fire Fighting Measures

Suitable fire extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical:

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code Sensitizer: Liquid

Hazardous composition products:

Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact No

Sensitivity to Static Discharge No

Special protective equipment and Precautions for fire fighters:

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:

Personal Precautions Avoid contact with skin and eyes

Environmental precautions

Refer to protective measures listed in Sections 7 and 8

Methods and Materials for Containment/Cleanup:

Containment Prevent further leakage or spillage if safe to do so

Cleaning Up Pick up and transfer to properly labelled containers. Soak up with inert absorbent material.

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Section 7 Handling and Storage

Precautions for Safe Handling:

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes.

Conditions for Safe Storage, including any incompatibilities

Storage Keep container tightly closed

Incompatible Products Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Section 8 Exposure Controls/ Personal Protection

Control Parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F 2d 962 (11th Cir 1992)

Appropriate Engineering Controls

Engineering Measures Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye Protection: None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.

Skin and Body Protection: None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

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 in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse.

Section 9 Physical and Chemical Properties

Property	Value		
Appearance	MILKY WHITE LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	100 DEGREES C/212 DEGREES F	Color	MILKY WHITE
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	FRESH FRAGRANCE	Odor Threshold	NOT AVAILABLE
Other Information		Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.05	Solubility (Water)	DISPERSIBLE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	WATER-THIN	pH	6.5 – 8.8
Flammability (solid, gas)	NONE	VOC Content (%)	NEGLIGIBLE

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: Hazardous polymerization does not occur.

Incompatible Materials: Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Conditions to Avoid: Do not expose to extreme temperatures for long periods of time. Close containers when not in use.

Hazardous Decomposition Products: Carbon oxides

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Section 11 Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the mixture is not available.
Eye Contact	Specific test data for the mixture is not available.
Skin Contact	Specific test data for the mixture is not available. May cause sensitization by skin contact.
Ingestion	Specific test data for the mixture is not available.

Component Information No information available

Information on toxicological effects

Symptoms Itching. Rashes. Hives

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

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact

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 effect based on available information

Target Organ Effects Skin

Aspiration Hazard No information available

Numerical measures of Toxicity

Not applicable

Section 12 Ecological Information

Ecotoxicity, Persistence and Degradability, and Bioaccumulation

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

Other Adverse Effects: None known

Section 13 Disposal Considerations

Waste Treatment Methods

Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.

Section 14 Transport Information

<u>DOT</u>	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	N/A
<u>TDG</u>	Not Regulated
<u>MEX</u>	Not Regulated
<u>ICAO</u>	Not Regulated
<u>IATA</u>	Not Regulated
<u>IMDG/IMO</u>	Not Regulated
<u>RID</u>	Not Regulated
<u>ADR</u>	Not Regulated
<u>AND</u>	Not Regulated

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Section 15 Regulatory Information

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL

TSCA – United States Toxic Substances Control Act – Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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

CWA (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)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response 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 releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by State right-to-know.

Section 16 Other Information

HMIS Hazard Ratings:

Health – 1, Flammability – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard), Personal Protection - B

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

ADDITIONAL INFORMATION:

The information supplied in the Safety Data Sheet is designed only as guidance for the safe use, storage, and handling of this product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.

Preparation/Revision Date: 4/30/18