MATERIAL SAFETY DATA SHEET
CytoZyme Stabilized Pepsin

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:    CytoZyme Stabilized Pepsin
PART NO:                   2022-00-x
MANUFACTURER:         SciGene Corporation
                        1287 Reamwood Avenue
                        Sunnyvale, CA 94089 USA
                        (408) 733-7337

EMERGENCY PHONE:    In case of poisoning, call your poison control center at 1-800-222-1222

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview
OSHA Hazards
No known OSHA hazards.
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

HMIS Classification
Health hazard:   0
Flammability:    0
Physical hazards:   0

NFPA Rating
Health hazard:   0
Fire:          0
Reactivity Hazard:   0

Potential Health Effects
Inhalation     May be harmful if inhaled. May cause respiratory tract irritation.
Skin           May be harmful if absorbed through skin. May cause skin irritation.
Eyes           May cause eye irritation.
Ingestion      May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients are hazardous according to OSHA criteria.

SECTION 4: FIRST AID MEASURES

If inhaled          If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact Wash off with soap and plenty of water.
In case of eye contact  Flush eyes with water as a precaution.
If swallowed mixed     Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5: FIRE-FIGHTING MEASURES

Conditions of flammability:
Not flammable or combustible.

Suitable extinguishing media:
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Protective equipment for firefighters:
Wear self contained breathing apparatus (SCBA) for fire fighting if necessary.

Hazardous combustion products:
Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known..
SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:
Avoid breathing vapors, mist or gas.

Environmental precautions:
Do not let product enter drains.

Methods and materials for containment and cleaning up:
Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Conditions for safe storage
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2 - 8°C
Light sensitive.
Store in accordance with local regulations.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

**Eyes:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hands:** Chemical resistant protective gloves.

**Respiratory:** Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Translucent liquid
**Color:** Colorless
**Physical state:** Liquid
**pH:** Neutral to basic
**Boiling/condensation point:** N/A
**Melting/freezing point:** N/A
**Solubility:** Soluble
**Odor:** Solvent
**Viscosity:** N/A
**Explosion limits:** N/A
**Flash point:** N/A
**Density:** N/A
**Flammability:** Flammable

SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions.
**Possibility of hazardous reactions:** No data available.
**Conditions to avoid:** No data available.
**Materials to avoid:** Strong oxidizing agents.
**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known. Other decompositions products – no data available.
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SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
Oral LD50
no data available
Inhalation LC50
no data available
Dermal LD50
no data available

Other information on acute toxicity
no data available

Skin corrosion/irritation
no data available
Serious eye damage/eye irritation
Eyes – no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a Carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
no data available

Teratogenicity
no data available

Specific target organ toxicity - single exposure (Globally Harmonized System)
May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)
no data available

Aspiration hazard
May be fatal if swallowed and enters airways.

Potential health effects
Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion May be harmful if swallowed.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.

Signs and Symptoms of Exposure
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Synergistic effects
no data available

Additional Information
RTECS: Not available
## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**  
no data available

**Persistence and degradability**  
no data available

**Bioaccumulative potential**  
no data available

**Mobility in soil**  
no data available

**PBT and vPvB assessment**  
no data available

**Other adverse effects**  
no data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Product**  
Offer surplus and non-recyclable solutions to a licensed disposal company

**Contaminated Packaging**  
Dispose of as unused product

## SECTION 14: TRANSPORT INFORMATION

**DOT (US)**  
Not dangerous goods

**IMDG**  
Not dangerous goods

**IATA**  
Not dangerous goods

## SECTION 15: REGULATORY INFORMATION

**OSHA Hazards**  
No known OSHA hazards.

**SARA 302 Components**  
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**  
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**  
No SARA hazards.

**Reportable Quantity:**  
Lowest RQ> 999999 lbs

**Massachusetts Right To Know Components**  
No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**  
No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Components**  
No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components**  
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16: OTHER INFORMATION

**Notice to reader**  
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