

## SAFETY DATA SHEET (SDS)

## CytoZyme Stabilized Pepsin

Pub No.: M226

Rev.: 05/23/2016

**SECTION 1: IDENTIFICATION**

**PRODUCT NAME:** CytoZyme Stabilized Pepsin  
**PART NO:** 2022-00-x and 2022-02-x (HC)

**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**

Classification in accordance with paragraph (d) of 29 CFR 1910.1200

**Emergency Overview****OSHA Hazards**

No known OSHA hazards.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**HMIS Classification**

<b>Health hazard:</b>	0
<b>Flammability:</b>	0
<b>Physical hazards:</b>	0

**NFPA Rating**

<b>Health hazard:</b>	0
<b>Fire:</b>	0
<b>Reactivity Hazard:</b>	0

**Potential Health Effects**

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

No ingredients are hazardous according to OSHA criteria.

**SECTION 4: FIRST AID MEASURES**

<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>In case of skin contact</b>	Wash off with soap and plenty of water.
<b>In case of eye contact</b>	Flush eyes with water as a precaution.
<b>If swallowed</b>	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..

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**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.

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**SECTION 7: HANDLING AND STORAGE**

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**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.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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).

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**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

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**SECTION 10: STABILITY AND REACTIVITY**

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

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#### SECTION 11: TOXICOLOGICAL INFORMATION

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##### 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

<b>Inhalation</b>	May be harmful if inhaled. Causes respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	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

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**SECTION 12: ECOLOGICAL INFORMATION**

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**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

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**Product**

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

**Contaminated Packaging**

Dispose of as unused product

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**SECTION 14: TRANSPORT INFORMATION**

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**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**SECTION 15: REGULATORY INFORMATION**

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**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&gt; 999999 lbs

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Water	CAS-No. 7732-18-5	Revision Date
Pepsin	CAS-No. 9001-75-6	Revision Date

**New Jersey Right To Know Components**

Water	CAS-No. 7732-18-5	Revision Date
Pepsin	CAS-No. 9001-75-6	Revision Date

**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.

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**SECTION 16: OTHER INFORMATION**

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**Notice to reader****DISCLAIMER:** This Safety Data Sheet is offered without charge to the clients of SciGene. Data is the most current available to SciGene at the time of preparation and is issued as a matter of information only, no warranty as to its accuracy or completeness is expressed or implied.