

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product Identifiers

Product name : Exclzyme Pet  
 CAS-No. : 9040-76-0, 37312-62-2, 9001-73-4, 9001-00-7,  
 9001-19-8, 9001-62-1, 9050-36-6  
 EINECS number : 253-431-3, 253-47-5, 232-627-2, 253-387-5, 232-  
 588-1, 232-619-9, 232-940-4  
 EC Number : 3.4.23.6, 3.4.24.40, 3.4.22.2, 3.4.22.32, 3.2.1.1,  
 3.1.1.3

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Biocatalyst

### 1.3 Details of the supplier of the safety data sheet

Company : Specialty Enzymes and Biotechnologies  
 13591 Yorba Ave.,  
 Chino, CA-91710  
 Telephone : (909)-613-1660  
 Fax : (909)-613-1663

### 1.4 Emergency telephone number

Emergency phone # : (909)-613-1660

## SECTION 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of substance or mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Respiratory sensitization (Category 1), H334

For full text on H-statements mentioned in this section, see Section 16

### 2.2 GHS label elements, including precautionary statements

Pictogram : 

Signal word : Danger

#### Hazard statement(s)-

H 334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H 319 : Causes serious eye irritation

H 315 : Causes skin irritation

H 335 : May cause respiratory irritation

Precautionary statement(s)-

- P 261 : Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P 285 : In case of inadequate ventilation wear respiratory protection  
 P 304+ P 341: IF INHALED, breathing if difficult, remove victim to fresh air and keep at rest position comfortable for breathing  
 P 342+ P 311: If experiencing respiratory symptoms: Call POISON CENTER or doctor/physician  
 P 501 : Dispose of contents/ container according to local regulations

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

**3.1 Substances/Mixtures**

- Synonyms : Enzyme Blend  
 CAS-No. : 9040-76-0, 37312-62-2, 9001-73-4, 9001-00-7, 9001-19-8, 9001-62-1, 9050-36-6  
 EINECS number : 253-431-3, 253-47-5, 232-627-2, 253-387-5, 232-588-1, 232-619-9, 232-940-4  
 EC Number : 3.4.23.6, 3.4.24.40, 3.4.22.2, 3.4.22.32, 3.2.1.1, 3.1.1.3

For full text of the H-statements that are mentioned in this section. See section 16.

**SECTION 4 – FIRST AID MEASURES**

**4.1 Description of first aid measures**

- General advice : Consult a physician; show this safety data sheet to the doctor in attendance. Move out of dangerous area.  
 If Inhaled : Remove from exposure. If symptoms of irritation of sensitization occur (Shortness of breath, wheezing or labored cough), seek medical advice  
 In case of skin contact : Rinse thoroughly in running water. Remove contaminated shoes and clothing. Consult doctor if symptoms develop  
 In case of eye contact : Rinse thoroughly in running water. Consult doctor if symptoms develop  
 If swallowed : Rinse mouth and throat thoroughly with water. Should irritation occur, seek medical advice

**4.2 Most important symptoms and effects, both acute and delayed**

- Inhalation : Inhalation may cause irritation to respiratory system. May entail sensitization via inhalation.  
 Ingestion : May entail gastrointestinal problems  
 Contact with skin : May cause irritation  
 Contact with eyes : May cause eye irritation (Redness)

- 4.3 Indication of any immediate medical attention and special treatment needed**  
No data available

## SECTION 5 – FIREFIGHTING MEASURES

- 5.1 Extinguishing media**  
Suitable extinguishing media-  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture**  
Nature of decomposition product is unknown.
- 5.3 Advice for firefighters**  
Wear self-contained breathing apparatus for firefighting if necessary.
- 5.4 Further Information**  
No Data available.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
- 6.2 Environmental precautions**  
Do not let product enter drains.
- 6.3 Methods and materials for containment and cleaning up**  
Pickup and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
- 6.4 Reference to other sections**  
For disposal see section 13 and see section 8 for individual protective equipment.

## SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for safe handling**  
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. See Section 2.2 for precautions. Do not eat, drink, smoke or use personal products when handling chemical substance.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Store in clean, cool, dry and well ventilated space. Away from direct sunlight.

### 7.3 Specific end use(s)

Substance intended to catalyze reactions by enzymatic means.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Components with workplace control parameters-

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

Personal protective equipment-

Eye/Face protection	: Full mask
Skin protection	: Wear appropriate protective clothing
Body protection	: Wear appropriate gloves, clothes
Respiratory protection	: Wear P3 dust mask
Control of environment exposure	: Do not let product enter drains. Notify local authorities if significant leaks and cannot be contained

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

1. Appearance : Powder
2. Color : Off white to tan
3. Odor threshold, pH, Melting point/Freezing point, Initial boiling point/ boiling point range, Flash point, Evaporation rate, Flammability (Solid, Gas), Upper/Lower flammability or explosive limits, Vapor pressure, Vapor density, Water solubility, Partition coefficient, Auto ignition temperature, Decomposition temperature, Viscosity, Explosive properties, Oxidizing properties : Data not relevant

### 9.2 Other safety information

No data available

## SECTION 10 – STABILITY AND REACTIVITY

- |      |                                   |                                       |
|------|-----------------------------------|---------------------------------------|
| 10.1 | Reactivity                        | : Data not relevant                   |
| 10.2 | Chemical stability                | : Stable under recommended conditions |
| 10.3 | Possibility of hazardous reaction | : N/A under recommended conditions    |
| 10.4 | Conditions to avoid               | : See section 5 and 7                 |
| 10.5 | Incompatible materials            | : No special recommendations          |
| 10.6 | Hazardous decomposition products  | : No data available.                  |

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity	: No data available
Skin corrosion/irritation	: May entail irritation
Serious eye damage/eye irritation	: No data available
Respiratory or skin sensitization	: May entail irritation
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity- Single exposure	: No data available
Specific target organ toxicity- Repeated exposure(s)	: No data available
Aspiration hazard	: No data available
Additional Information- RTECS	: No data available

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

## SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity	: No data available
12.2 Persistence and degradability	: No data available
12.3 Bioaccumulative potential	: No data available
12.4 Mobility in soil	: No data available
12.5 Other adverse effects	: No data available

## SECTION 13 – DISPOSAL CONSIDERATIONS

### 14.1 Waste treatment methods

Dispose of waste in compliance with national and local laws, environment protection rules. Wastewater must be evacuated to a purification plant. The waste code must be allocated by the user according to the application of product.

## SECTION 14 – TRANSPORT INFORMATION

DOT (US)	: Not dangerous goods
IMDG	: Not dangerous goods
IATA	: Not dangerous goods

## SECTION 15 – REGULATORY INFORMATION

No Data Available

<b>SECTION 16 – OTHER INFORMATION</b>
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Full text of H-statements referred to under Section 2 and 3-

Hazard statement(s)

H 334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H 319: Causes serious eye irritation

H 315: Causes skin irritation

H 335: May cause respiratory irritation

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for the independent verification of the user. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guaranty or warranty. Certain guidelines above may be broader than actually required in order to ensure all material is handled with the utmost care. The company and its affiliates assume no liability for any damage resulting from handling or contact with the above product. See the Company's confirmation of purchase order for additional terms and conditions of sale.

Preparation Information

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Phone- 909-613-1660

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