## SAFETY DATA SHEET

### 1. Identification Of Product & Company

**PRODUCT NAME:** Phyto-Catalyst®
**INTENDED USE:** Bio-catalyst Water & Soil Conditioner
**DETAILS OF COMPANY:** Bio-Organic Catalyst, Inc., A wholly owned subsidiary of Neozyme International, Inc.
711 W. 17th Street, Suite E-6
Costa Mesa, CA 92627
Phone: (949) 515-1301 / Fax: (949) 515-1314

### 2. Composition/Information On Ingredients

**SUBSTANCE:** Water, highly purified proteins from plant and mineral sources.

### 3. Hazardous Identification

**DANGER CLASSIFICATION:** None
**RISK PHRASES:** None
**P PHRASES:** None

### 4. First Aid Measures

**GENERAL:** Wash well after use.
**ON INHALATION:** None
**ON EYE CONTACT:** Wash with copious amounts of water.
**ON SKIN CONTACT:** Wash with soap and water.
**ON INGESTION:** Should any symptoms occur, seek medical attention.

### 5. Fire Fighting Measures

**EXTINGUISHING MEDIA RECOMMENDED:** Water/Dry Chemical
**NOT TO BE USED:** None
**SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL:** None

### 6. Accidental Release Measures

Flush away with copious amounts of water.

### 7. Storage & Handling

**HANDLING:** General good work practices.
**STORAGE:** 5 Liter and 200 Liter containers in either metal or plastic.
Store below 45°C as higher storage temperatures reduce the effectiveness of the product.
Should not be stored close to caustics or strong bases.

### 8. Exposure Controls/Personal Protection

**GENERAL PROTECTION:** Follow good industrial practices of hygiene and care.
**RESPIRATORY PROTECTION:** None
**HAND PROTECTION:** None, although the use of rubber gloves is suggested.
**EYE PROTECTION:** None, although the use of protective eyewear is recommended under normal GMP’s
**SKIN PROTECTION:** None

### 9. Physical And Chemical Properties

**PHYSICAL STATE:** Liquid
**COLOR:** Colorless - pale amber
**ODOR:** Mild
**ODOR THRESHOLD:** No test data available
**FLASH POINT:** None
**VISCOSITY:** @ 40°C 2.3373 cst
**SPECIFIC GRAVITY:** @20°C /68°F=1.002
**pH:** Full Strength Concentrate 3.9 – 4.3. At recommended use dilutions, pH ranges 6.3 to 6.9.
**VAPOR DENSITY:** None
**LOWER EXPLOSION LIMIT:** None
**SOLUBILITY IN WATER:** 100% in water
**FLASH POINT:** Closed Cup >93 °C
13. Disposal Considerations

"IN ACCORDANCE WITH NATIONAL AND LOCAL LAWS AND PRACTICES"
14. Transport Information

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>Restriction</th>
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</thead>
<tbody>
<tr>
<td>DOMESTIC ROAD/RAIL</td>
<td>Unrestricted</td>
</tr>
<tr>
<td>SEA</td>
<td>Unrestricted</td>
</tr>
<tr>
<td>AIR</td>
<td>Unrestricted</td>
</tr>
<tr>
<td>INTERNATIONAL ROAD/RAIL</td>
<td>Unrestricted</td>
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15. Regulatory Information

**OSHA HAZARD COMMUNICATION STANDARD:** This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986) SECTIONS 311 AND 312:**

- Immediate (Acute) Health Hazard: No
- Delayed (Chronic) Health Hazard: No
- Fire Hazard: No
- Reactive Hazard: No
- Sudden Release of Pressure Hazard: No

**SARA SECTION 313:**

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.

**CALIFORNIA PROPOSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986):** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**US TOXIC SUBSTANCES CONTROL ACT:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**REACH:** Safety, health and environmental regulations/legislation specific for the substance or mixture REACH Regulation (EC) No 1907/2006. This product contains only components that have been either pre-registered, registered, are exempt from registration, are regarded as registered or are not subject to registration according to Regulation (EC) No. 1907/2006 (REACH). The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. It is the buyer's/user’s responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

Seveso II - Directive 96/82/EC and its Amendments: Listed in Regulation: Directive 96/82/EC does not apply 15.2

Chemical Safety Assessment: Not applicable

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation.

16. Other Information

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written instructions. Bio-Organic Catalyst, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version. This SDS will be revised and updated as requirements occur. Should further information and relevant advice be required, contact Bio-Organic Catalyst, Inc. @ info@bio-organic.com

Phyto-Catalyst® is manufactured under U S. Patent No. 5,879,928.