

# MATERIAL SAFETY DATA SHEET

|              |                        |             |            |
|--------------|------------------------|-------------|------------|
| Product Name | : Phosphorus Bioremove | Issue Date: | 01/02/2018 |
| Reference No | : Version 18.01        | SDS Number: | RF-SDS741  |

## 1. IDENTIFICATION

|                               |  |
|-------------------------------|--|
| <b>GHS Product Identifier</b> | Phosphorus Bioremove   |
| <b>Supplier Name</b>          | Tangsons (Hunan) Trading Co., Ltd  |
| <b>Address</b>                | No. 660, Hanguang Road, Changsha, Hunan, PRC                               |
| <b>Telephone</b>              | (86) 731 85773044  |
| <b>Fax</b>                    | (86) 731 85773044  |
| <b>Emergency Contact</b>      | (86) 137 8724 3647   |
| <b>Recommended Use</b>        | Wastewater treatment applications, envirocare, bioremediation, aquaculture |

## 2. HAZARD IDENTIFICATION

|   |  |
|---|--|
| <b>Classification of the substance or mixture</b> | Classified as non-Hazardous according to the criteria of GHS.<br>Classified as non-Dangerous Goods according to ADG Code.<br>This material is classified as <b>NON-HAZARDOUS</b> according to the criteria of SafeWork |
|---|--|

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

|                                 |  |
|---------------------------------|--|
| <b>Composition Ingredients:</b> | Polyphosphate bacteria, nutrition enzymes etc. |
|---------------------------------|--|

## 4. FIRST AID MEASURES

|                         |  |
|-------------------------|--|
| <b>Inhalation</b>       | Move person to fresh air. If person is not breathing, call an ambulance; then give artificial respiration.   |
| <b>Ingestion</b>        | Call a doctor immediately if a large amount is swallowed. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. |
| <b>Skin</b>             | Remove contaminated clothing. Thoroughly wash skin with plenty of soap and water.  |
| <b>Eye Contact</b>      | Hold eye open and rinse slowly and gently with plenty of water for at least 15 minutes. If present, remove contact lenses and continue rinsing eye.                    |
| <b>Advice to Doctor</b> | Remove from source of exposure. If irritation or other signs of toxicity occur, seek medical attention.  |

## 5. FIRE-FIGHTING MEASURES

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| <b>Suitable Extinguishing Media</b>    | Use appropriate media for underlying cause involved in the fire. No data   |
| <b>Hazard from Combustion Products</b> | No data.   |
| <b>Specific Hazards Precautions</b>    | Self-Contained Breathing Apparatus (SCBA) and full protective gear according to the conditions and size of the fire. |

## 6. ACCIDENTAL RELEASE MEASURES

|                                |   |
|--------------------------------|---|
| <b>Emergency Procedures</b>    | Wear suitable protective clothing, such as long-sleeved shirt, pants, waterproof gloves and shoes with socks. |
| <b>Clean-up &amp; Disposal</b> | Carefully mop or sweep up spill and place in a closed container for disposal.<br>Rinse area with water.       |

## 7. HANDLING AND STORAGE

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**Safe Handling** Use handling procedures that minimize exposure to the product.  
**Safe Storage** Store in cool, dry, well-ventilated location out of direct sunlight in an airtight container after opening. Do not mix with other products while stored.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** Ensure good ventilation. No exposure limits have been established.  
**Biological Limit Values** No biological limit allocated.  
**Engineering Controls** Use process enclosures, local exhaust ventilation, or other engineering controls to reduce airborne exposure at locations/operations where dust may be generated.  
**Respiratory Protection** Not normally required. However, if needed, use a dust/mist filtering face mask.  
**Eye Protection** Chemical safety goggles or safety glasses with side shields.  
**Hand Protection** Gloves made from chemically resistant material such as neoprene, vinyl, rubber or nitrile.  
**Body Protection** Wear suitable protective clothing such as long-sleeved shirt, pants and shoes with socks.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Powder, tan colour  
**Boiling Point** Decomposes  
**Melting Point** 186.8 °F  
**Solubility in Water** Dispersible in water  
**Specific Gravity** 0.695  
**pH Value** 5.19 S.U.  
**Vapour Pressure** No information available  
**Vapour Density (Air=1)** No information available  
**Flash Point** >400 °F  
**Flammability** Solid  
**Ignition Temperature** No information available  
**Flammable Limits (Lower)** No information available  
**Flammable Limits (Upper)** No information available

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under normal ambient storage conditions.  
**Conditions to Avoid** None that are known.  
**Incompatible Materials** None that are known.  
**Hazardous Decomposition Products** None that are known.  
**Hazardous Polymerization** None that are known.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information** No data available.  
**Inhalation** No data available.  
**Ingestion** No data available.  
**Skin** No data available.  
**Eye** No data available.  
**Chronic Health Effects** No data available.

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## 12. ECOLOGICAL INFORMATION

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|                                  |                      |
|----------------------------------|----------------------|
| <b>Ecotoxicity</b>               | No known conditions. |
| <b>Persistence/Degradability</b> | No known conditions. |
| <b>Mobility</b>                  | No known conditions. |
| <b>Bioaccumulative Potential</b> | No known conditions. |
| <b>Environmental Protection</b>  | No known conditions. |

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## 13. DISPOSAL CONSIDERATIONS

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|---------------|---|
| <b>Method</b> | Can be land filled or paced in an MSW registered landfill or used as a soil amendment. Follow all federal, state and local regulations. |
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## 14. TRANSPORT INFORMATION

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|------------------------------|---|
| <b>Transport Information</b> | Classified as non-dangerous goods according to IATA & IMDG, U.S. DOT –ROAD/ U.S. DOT –RAIL / U.S. DOT –INLAND WATERWAYS |
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## 15. REGULATORY INFORMATION

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|--------------------------------|---|
| <b>Poisons Schedule Number</b> | Not scheduled.  |
| <b>Packaging and Labelling</b> | As required by the ADG Code and Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). |

The ingredients contained in this product listed on the America Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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|----------------------|---|
| <b>Date Prepared</b> | 1st Jan 2018  |
| <b>Abbreviations</b> | GHS – Globally Harmonised System of Classification and Labelling of Chemicals<br>ADG – Australian code for the Transport of Dangerous Goods by Road and Rail  |
| <b>Others</b>        | This information summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider this information in the context of how the product will be handled and used in the workplace including in conjunction with other products. |

...END OF MSDS...