

3. Composition/information on ingredients

This product is a powder containing naturally-occurring viable bacterial cultures in a salt-based carrier.

HAZARDOUS INGREDIENTS

| <u>Name</u> | <u>CAS #</u> | <u>OSHA PEL</u> | <u>ACGIH TWA</u> | <u>% BY WEIGHT</u> |
|-------------|--------------|-----------------|------------------|--------------------|
|-------------|--------------|-----------------|------------------|--------------------|

This product does not contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200, except as any listed above.

4. First-aid measures

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|----------------------------|--|
| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water for several minutes holding the eyelids open. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | Rinse mouth and throat thoroughly with water and then drink some water to dilute. |
| General Information | Seek medical attention if irritation or any other symptom persists. |

5. Fire-fighting measures

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|------------------------------|---|
| Extinguishing media: | This product is non-combustible. No extinguishing media or special fire-fighting procedures are required. There are no unusual fire or explosion hazards. |
| Protective equipment: | Wear suitable respiratory equipment when necessary. |

6. Accidental release measures

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|--|--|
| Personal precautions, protective equipment and emergency procedures | Wear disposable gloves, NIOSH approved dust mask, and eye protection. |
| Methods and materials for containment and cleaning up | Sweep up. Transfer to suitable, labeled containers for reuse or disposal. Clean spillage area thoroughly with plenty of water and wash residue to drain. |
| Environmental precautions | Prevent further spillage, if safe. Accidental releases do not pose environmental risks. |

7. Handling and storage

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| Precautions for safe handling | Do not breathe dust. Avoid contact with eyes and skin. Adopt good chemical hygiene practices when handling, carrying and dispensing. |
| Conditions for safe storage, including any incompatibilities | Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store the product in containers that are labeled correctly, and keep away from children, food items and drinking water. |

8. Exposure controls/personal protection

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|--|--|
| Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| Exposure limits | None applicable to raw materials in this product. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Safety glasses or chemical goggles are recommended. |
| Skin protection | |
| Hand protection | As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl). |
| Respiratory protection | If airborne dust generated, wear suitable NIOSH approved dust mask. |
| Other protection | N/A |
| Thermal hazards | N/A |
| General hygiene considerations | Wash all contaminated clothing before re-use. |

9. Physical and chemical properties

Appearance

| | |
|-----------------------|---------------------|
| Physical state | Free-flowing powder |
| Form | Pellet block |
| Color | Off-white |

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|-----------------------|------------------------------|
| Odor | Yeast-like fermentation odor |
| Odor threshold | Not available. |

| | |
|-----------|-----------|
| pH | 5.5 – 8.0 |
|-----------|-----------|

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|-------------------------------------|--------------------|
| Melting point/freezing point | No data available. |
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|--|--------------------|
| Initial boiling point and boiling range | No data available. |
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|--------------------|------|
| Flash point | N/A. |
|--------------------|------|

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|-------------------------|----------------|
| Evaporation rate | Not available. |
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|----------------------------------|------|
| Flammability (solid, gas) | N/A. |
|----------------------------------|------|

Upper/lower flammability or explosive limits

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|---------------------------------------|----------------|
| Flammability limit – lower (%) | Not flammable. |
| Flammability limit – upper (%) | Not flammable. |
| Explosive limit - lower (%) | Not flammable. |
| Explosive limit - upper (%) | Not flammable. |

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|-----------------------|--------------------|
| Vapor pressure | No data available. |
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|----------------------|--------------------|
| Vapor density | No data available. |
|----------------------|--------------------|

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|-------------------------|--------------------|
| Relative density | No data available. |
|-------------------------|--------------------|

Solubility (ies)

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|----------------------------|--|
| Solubility (water). | Carrier is soluble / Bacterial Cultures are dispersible. |
|----------------------------|--|

12. Ecological information

Ecotoxicity This expected to product is not be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity

13. Disposal considerations

Disposal instructions Dispose of in compliance with Federal, State and/or current local authority regulations.

14. Transport information

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This product is classified as a non-hazardous powder for transport.

15. Regulatory information

US federal regulations

Preparation does not contain ingredients listed as dangerous substances in Annex 1 of the EEC directive 67/548.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories (SARA 13 TRI reporting) Not Listed
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Not regulated

Air Pollutants (HAPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

US. Massachusetts RTK - Substance List Not regulated.

US. New Jersey Worker and Community Right-to-Know Act Not listed

US. Pennsylvania Worker and Community Right-to-Know Law Not listed.

US. Rhode Island RTK Not regulated.

US. California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

| | |
|---------------|------------|
| Issue date | 09-20-2016 |
| Revision date | 06-01-2017 |
| Version # | 02 |

Disclaimer

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers. In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:
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