



Bio-Regen Sludge Pellets

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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SECTION 1: Identification

Product identifier: Bio-Regen Sludge Pellets

Product Form: Pellets

Manufacturer 3 Tier Technologies, LLC
250 National Place, Suite 142
Longwood, FL 32750
United States
Telephone (General) 877-226-7498

Australian Distributor Environmental Intelligence Pty Ltd
Factory 3/100 Olympia St
Tottenham VIC 3012
Australia
+61 3 9325 3670

Emergency Telephone Number

Manufacturer 407-808-4653 (US)

0414 486 532 (AU)

SECTION 2: Hazards Identification

Classification of the substance or mixture:

The product is not classified according to the Globally Harmonized System (GHS).

Label elements:

•**Hazard pictograms:** None

•**Signal word:** None

•**Hazard statement:** None

NFPA health hazard

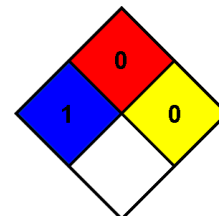
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1

Flammability : 0

Physical : 0

Personal Protection Index : B

SECTION 3: Composition/Information on Ingredients

Bio-Regen Sludge Pellets is a proprietary composition that contains no hazardous ingredients at reportable concentrations

SECTION 4: First aid measures

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact: Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.

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- Inhalation:** If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administer oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.
- Ingestion:** Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

SECTION 5: Fire Fighting Measures

- Extinguishing media:** Water fog or fine spray, carbon dioxide, dry chemical or foam.
- Special hazards:** None
- Fire fighting protection:** As in any fire, wear self-contained breathing apparatus pressure- demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures:** Wear appropriate personal protective equipment (PPE) and clothing. Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.
- Environmental precautions:** Prevent further leakage or spillage if safe to do so.
- Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.
- Methods for clean-up:** Wear appropriate protective equipment and clothing during clean-up.
Large spill: Dispose in accordance with all local, state and federal regulations.
Small spill: Follow same procedure as above.

SECTION 7: Handling and Storage

- Precautions for safe handling:** Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Wash hands thoroughly after handling.
- Precautions for safe storage:** Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 12 months.

SECTION 8: Exposure Controls/Personal Protection

Personal protection

- Eyes:** General eye protection suggested when handling any chemical product. Eye wash fountain is recommended.
- Hands:** Chemical-resistant impervious gloves complying with an approved standard should be used at all times when handling chemical products.

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Breathing equipment: Not required

Body protection: Protective work clothing.

General measures: Wear appropriate personal protective equipment (PPE). Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Personal protective equipment : Gloves. Protective goggles.



SECTION 9: Physical & Chemical Properties

Appearance:	Tan pellet
Odor:	Mild
Odor threshold:	Not Measured
pH:	NA
Freezing point:	NA
Boiling point:	NA
Flash point:	Not available
Evaporation rate:	NA
Flammability (solid, gas):	Not available
Lower and upper explosive limits:	Not available
Vapor pressure:	NA
Vapor density (air = 1):	NA
Specific gravity:	NA
Weight:	NA
Solubility in water:	NA
Partition coefficient n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
VOC:	Negligible

SECTION 10: Stability and Reactivity

Reactivity: Hazardous polymerization will not occur.

Chemical stability: Stable under normal circumstances.

Possibility of hazardous reactions: Oxides of carbon and nitrogen

Conditions to avoid: Strong acids that may inactivate cultures.

Incompatible materials: Oxides of carbon and nitrogen

Hazardous decomposition products: None known

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SECTION 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity. (>2,000 mg/kg).

Primary irritant effect:

On the skin: No irritant effect.

On the eye: May cause discomfort, yet not an eye irritant.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories - IARC (International Agency for Research on Cancer).

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

SECTION 12: Ecological information

Toxicity: Readily biodegradable.

Aquatic ecotoxicity: No data available

Persistence and degradability: This product is readily biodegradable.

Bio accumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

Other adverse effects: No data available

Waste treatment methods:

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

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SECTION 13: Disposal Considerations

Waste treatment methods:

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

SECTION 14: Transport Information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number:	Not Applicable	Not Applicable	Not Applicable
UN proper shipping name:	NMFC 20400 Bacteria in dry or liquid carrier Comp Class 60	Not Regulated	Not Regulated
Transport hazard class (es):	DOT Hazard Class: Not Applicable DOT Label: ---	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
Packing group:	Not Applicable	Not Applicable	Not Applicable
Environmental hazards:	IMDG Marine Pollutant: No		
Special precautions for user:	No further information		
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not Applicable		

SECTION 15: Regulatory information

Regulatory overview: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

US EPA Tier II Hazards:

Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): No

EPCRA 302 Extremely Hazardous:

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

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Proposition 65 - Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

None

Penn RTK Substances (>1%):

None

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

OSHA (Occupational Safety & Health Administration)

None of the ingredients is listed.

GHS label elements: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

SECTION 16: Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

Date prepared: 06/01/2020

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