

Bio Soil Solutions

(COLF Pty Ltd ABN: 59 620 557 673)

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Material Safety Data Sheet Issue Date: 22/08/2024

Product Name: Bio⁺ Brew

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION

Other Names: Liquid Compost Extract.

2. COMPOSITION/ INGREDIENTS

Ingredients: Derived from microbial humified organic vermicompost, organic humates, organic fish, organic kelp, organic carbohydrates, organic legumes and water. Contains no hazardous components.

3. PHYSICAL / CHEMICAL CHARACTERISTICS

| | |
|--|---|
| Boiling point, degrees (F): | 200 degrees |
| Specific gravity (H ₂ O=1): | 1.327 |
| Weight per gallon: | 8.5 # per gall. |
| Vapor pressure (mm hg): | 17 mm @ 68 degrees (F) |
| Solubility in Water: | 100% @ pH of 8 |
| Appearance and odour: | Brown in color with slight ammonia odor |
| Melting point: | N/A |

4. FIRE AND EXPLOSION HAZARD DATA

| | |
|-----------------------------------|--------|
| Flash point: | None. |
| Method used: | p-m cl |
| Flammable limits,LEL,UEL: | N /A |
| Extinguishing media: | None |
| Special fire fighting procedures: | None |
| Unusual Fire Explosion hazards: | None |

5. REACTIVITY DATA

| | |
|---------------------------------------|---|
| Stability: | Stable |
| Conditions to avoid: | None |
| Incompatibility (materials to avoid): | Will cause neutralisation to acidic materials |
| Hazardous decomposition products: | None, material is non-combustible |
| Hazardous polymerization: | Will not occur |

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6. HEALTH HAZARD DATA

| | |
|--|---|
| Routes of entry: | |
| Inhalation: | If in mist form |
| Eyes: | Rinse thoroughly with water for 5 minutes, see physician. |
| Skin: | None |
| Ingestion: | dilute with water, see physician |
| Health hazard: (Acute or Chronic): | No LD 50 have been determined |
| Carcinogenicity: | None |
| National toxicity program: | No |
| I.A.R.C. Monographs: | No |
| OSHA regulations: | No |
| Signs and Symptoms of Exposure: | May dry out sensitive skin after prolonged contact. |
| Medical conditions general aggravated by exposure: | None Known |
| Emergency and first aid procedures: | See Routes of entry above |

7. PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|-------------------------------------|---|
| Steps used for released or spilled: | No Special requirements known, use caution |
| Waste disposal method: | Dispose of material in accordance with all local, state and federal laws and regulations, no special requirements known. |
| Precautions for handling & storage: | Keep container tightly sealed - will stratify at 32 degrees (F), may be thawed and re-mixed. Do not use metal containers / pipes. |
| Other precautions: | Area of spill may become slippery, product will stain skin, clothes, masonry, concrete and wood. |

8. CONTROL MEASURES

| | |
|----------------------------|--|
| Respiratory protection: | Painters/ Dust mask |
| Ventilation: | General mechanical is usually adequate |
| Protective gloves: | Rubber or Plastic |
| Eye Protection: | Chemical Goggles |
| Other protective items: | Eye bath, shower, oxygen mask should be available. |
| Work / Hygienic Practices: | Wash hands and clothing, use antibacterial soap. |