

Material Data Safety Sheet

Identity (as used on label or list)

Bio-Fish Fertilizer

Manufacturer

 Down To Earth Distributors
 P.O. Box 1419; Eugene, OR 97440

Emergency Telephone Number:

541-485-5932

Information Telephone Number:

541-485-5932

Date Prepared

1/10/05

Section 2- Hazardous Ingredients / Identity Information

OSHA & ACGIH nuisance dust limits

for dried bone:

 OSHA PEL 8 hour TWA: Total 15mg/m³ Respirable 5mg/m³

 ACGIH TLV 8 hour TWA: Total 10mg/m³ Respirable 5mg/m³

for potash:

 ACGIH TLV 8 hour TWA: Total 10mg/m³ Respirable 5mg/m³
Section 3 - Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity (H ₂ O=1)	34 lbs/ft ³
Vapor Pressure (aa Hg):	N/A	Melting Point:	N/A
Vapor Density (Air = 1):	N/A	Evaporation Rate (Butyl Acetate + 1):	N/A
Solubility in Water:	Appreciable		
Appearance and Odor:	Green-brown pellets, alfalfa smell		

Section 4 - Fire and Explosion Hazard Data

Flash point (Method Used):	N/A	Flammable Limits:	This material is slightly combustible due to residual protein. Direct flame results in short lived sustained flame. Dust explosion conditions unknown. Use water to extinguish.
Extinguishing Media:	Water, CO ₂ , dry chemical foam		
Special Fire Fighting Procedures:	Treat as class A		
Unusual Fire and Explosion Hazards:	Avoid production of an extremely dusty air space in areas of local burning or electrical sparking	LEL:	N/A
		UEL:	N/A

Section 5 - Reactivity Data

Stability:	Stable
Incompatibility (Products to Avoid):	None Known
Hazardous Decomposition or Byproducts:	None Known
Hazardous Polymerization:	Will Not Occur
Condition to Avoid:	N/A

Section 6- Health Hazard Data

Route(s) of Entry	Inhalation: Avoid	Skin: Avoid Open Wound	Ingestion: Do Not Eat
Health Hazard (Acute or Chronic):	Potential of chronic lung infection (Histoplasmosis). This contains biologically active manure.		
Carcinogenicity:	N/A		
Signs and Symptoms of Exposure:	Inhalation of large amount of dust will cause temporary breathing problem. Ingestion of moderate amounts of any manure can cause nausea and vomiting.		

Section 7- Precaution for Safe Handling and Used

Steps to be taken in case material is released or spilled:	Sweep up with broom or remove with vacuuming.
Waste Disposal Method:	Employ normal disposal procedures.
Precaution to be taken in handling and storing:	Product should be kept in a dry place.
Other Precautions:	None

Section 8- Control Measures

Respirator Protections:	Dust Mask with organic vapor filter.
Ventilation:	Local Exhaust
Protective Gloves:	Not required
Eye Protection:	Goggles Recommended
Other Protective Clothing or Equipment:	Not required
Work / Hygienic Practices:	Wash to remove dust after use

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