



Enterra Natural Fertilizer

Material Safety Data Sheet

I. PRODUCT NAME/TRADE NAME:

Enterra Natural Fertilizer
Sizes: 2.2 lbs/1 Kg; 11 lbs/5 Kg; 44 lbs/20 Kg; 1100 lbs/500 kg

EPA REGISTRATION #: None

CHEMICAL NAME/COMMON NAME: Insect Frass

WHIMIS Classification of Product: Is not a controlled product and is not covered under Hazardous Product Act and WHIMIS

Product use: Fertilizer

Emergency Telephone Number: 604-401-1243

Information Telephone Number: 604-888-4327

Date Prepared: August 1, 2015

II. HAZARDOUS INGREDIENTS

Ingredient	%	CAS #	LD50	LC50	OSHA PEL	ACGIH	TLV
	NA	NA	NA	NA	NA	NE	NE

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NE

Solubility in Water: Partial

Vapor Pressure (mmHg): NA

Appearance and Odor: Black granular, earthy odor

Vapor Density (Air = 1): NE

Flash Point/Method: NA

% Volatiles by vol.: NE

pH: 5.5-7.0

Specific Gravity (H₂O=1): 0.40

Density: NA

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Melting Point: NA

Freezing Point: NA

Evaporation Rate (Butyl Acetate + 1): NA

IV. FIRE AND EXPLOSION HAZARD DATA

Flash point:	NA	Auto Ignition (°C):	NA
(Method Used:)	NA	Special Fire Fighting Procedures:	NA
Flammable Limits:	NA	Unusual Fire and Explosion Hazards:	NA
Extinguishing Media:	NA	LEL:	NA
Hazardous Combustion Products:	NA	UEL:	NA
Sensitivity to Mechanical Impact:	NA	Conditions of Flammability:	NA
Sensitivity to Static Discharge:	NA		

V. REACTIVITY DATA

Chemical Stability:	Stable
Incompatibility (Products to Avoid):	NA
Hazardous Decomposition or By products:	NA
Hazardous Polymerization:	NA
Condition to Avoid:	NA
Reactivity, and under what conditions:	NA

VI. TOXICOLOGICAL PROPERTIES/HEALTH HAZARD DATA

Route(s) of Entry

- Skin: Wear proper personal protective equipment to reduce skin exposure.
- Ingestion: Do not ingest. Wash hands and face thoroughly before eating, drinking or smoking.
- Inhalation: Wear proper respiratory protection for the exposures encountered.
- Eye Contact: Can cause eye irritation. Wear proper eye protection to reduce exposure. If contact occurs, flush eyes with water for a minimum of 15 minutes.

Health Hazard (Acute or Chronic): NA

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Carcinogenicity:	IARC monographs None Known	NTP None Known	OSHA None Known
Signs and Symptoms of Exposure:	NA		
Irritancy of product:	NA		
Sensitization to Product:	May contain insect allergens		
Teratogenicity:	None		
Reproductive Toxicity:	None		
Mutagenicity:	None		
Synergistic Products:	None		

VII. PRECAUTION FOR SAFE HANDLING AND USE

Personal Protective Equipment

Respiratory:

When dust is present, use a NIOSH/MSHA approved half- or a full-face respirator with a High Efficiency Particle Aerosol (HEPA) cartridge.

Skin:

Wear proper personal protective equipment to reduce skin exposure.

Eyes:

Use appropriate eye protection e.g.: goggles, to minimize contact with dust.

Other:

Wear sturdy work clothing and footwear for the specific application.

Environmental Hazards:

Dike area to prevent entering drains, sewers or water courses.

Engineering Controls:

In restricted spaces, use effective ventilation, e.g. Local Air Ventilation. Do not permit excessive accumulation of dust in work areas. Best practice is to clean up with a vacuum equipped with a HEPA filter.

Steps to be taken in case material is released or spilled:

If uncontaminated, collect for reuse or disposal. Use a cleanup system which does not create dust, e.g. a vacuum equipped with a HEPA filter. If contaminated or not required for reuse, dispose in approved landfill in accordance with local regulations.

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Waste Disposal Method:

If uncontaminated, dispose as a non-metallic mineral. If contaminated, use appropriate method for containment with applicable local regulation(s).

Precaution to be taken in handling and storing:

Product should be kept in a dry place. Avoid creation of respirable dust if possible. Protect workers as above. Use effective ventilation and dust collection. Avoid eye and skin contact with wet product during use.

Special shipping information: NA

VIII. CONTROL/FIRST AID MEASURES/HEALTH PRECAUTION DATA

Respirator Protections:

Use only NIOSH/MSHA - approved respiratory protection for nuisance particles up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures above the nuisance particulate PEL/TLV.

Ventilation:

Local exhaust/general ventilation to control nuisance dust.

Protective/Work Gloves:

Rubber, latex, vinyl, or other impervious gloves recommended.

Eye Protection:

Safety Goggles or glasses with side shields and brow protection recommended.

Other Protective Clothing or Equipment:

Not required.

Work / Hygienic Practices:

Wash to remove dust after use.

Eyes:

Flush with tempered water for at least 20 minutes. Obtain medical attention.

Skin:

Wash with soap and water.

Ingestion:

Drink large amounts of water. Do not induce vomiting. Seek immediate medical attention.

Gross inhalation of dust:

Remove victim to fresh air and administer CPR if necessary.

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SUPPLEMENT INFORMATION:

THE MICROBES CONTAINED IN THIS PRODUCT ARE STRAINS OF TYPICALLY HARMLESS SOIL MICROBES, AND DO NOT CAUSE INFECTIONS UNDER NORMAL CIRCUMSTANCES. PROPER PRECAUTIONS ARE ADVISED TO PREVENT INFECTION OF OPEN WOUNDS, INHALATION OF EXCESSIVE AMOUNTS OF DUST AND EYE IRRITATION. THE PROPER HYGIENE PRACTICES NECESSARY TO PREVENT HEALTH HAZARDS FROM ANY NATURALLY OCCURRING SUBSTANCE SUCH AS SOIL ETC. SHOULD BE OBSERVED.

IX. SPECIAL PRECAUTIONS

Keep out of reach of children. Do not wash down storm or sanitary sewer system. Read and follow all label instructions.

X. REGULATORY DATA

SARA HAZARD CLASS:

SARA 313: NO
SARA 302: NO
TPQ: NO
CERCLA: NO
RQ: NO
RCRA: NO

NFPA HAZARD RATING:

Health: [1]
Fire: [0]
Reactivity: [0]
Special: []

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

HMIS CODES:

Health: [1]
Fire: [0]
Reactivity: [0]

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

XI. PREPARATION DATE OF MSDS

Prepared by: Enterra Feed Corporation

Phone: 604-639-1628

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