



MATERIAL SAFETY DATA SHEET

Equus Stable Treatment

Preparation Date: 1st of July 2008

Revision Date: October 27, 2008

1.IDENTIFICATION OF THE PRODUCT AND THE COMPANY/UNDERTAKING

Product Name:	Equus Stable Treatment
Description:	Ammonia suppressant for use in Equine bedding.
Manufacturer:	Micron Bio-Systems Inc. 2329 Old Buena Vista Road Buena Vista, VA 24166 Tel. (540) 261 2468 Fax (540) 261-1476

2.HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name(s) OSHA PEL ACGIH TLV Other Limits
N-(N-Butyl) Thiophosphoric triamide at 40% (CAS 94317-64-3)

Non Hazardous.

The product also consists of fermentation products of Bacillus subtilis and Bacillus licheniformis on inert carriers with a fragrance.

3.PHYSICAL/CHEMICAL CHARACTERISTICS

Moisture Content:	<10 %
Boiling Point:	Not applicable
Bulk Density:	0.40 – 0.58 g/cc
Particle Size:	>90% = <250 microns
Specific Gravity:	Not applicable
Vapor Pressure (mm Hg):	Not applicable
Vapor Density (Air = 1)	Not applicable
Solubility in Water:	Highly soluble in water
% Volatile by Volume:	Not applicable
Appearance:	Off white/cream powder
Odor:	Chemical sulfide smell

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable
Flammable Limits (LEL and LEL):	Not applicable
Extinguishing Media:	Dry chemical powder.
Special Fire Fighting Procedure:	May emit toxic fumes
Unusual Fire and Explosion Hazards:	Not applicable

5. REACTIVITY DATA

Stability:	Stable. Avoid very high temperatures.
Incompatibility:	Strong oxidizing agents and acids.
Hazardous Polymerization:	Will not occur
Decomposition hazards:	Toxic fumes on combustion

6. HEALTH HAZARD DATA

Harmful by inhalation, skin contact and ingestion. . Repeated inhalation of dust may cause sensitization and may result in allergic type reactions in sensitized individuals.

Oral rat LD50 is >200 kg/kg body wt and is therefore classified as “non-toxic” for acute health hazards.

Signs and Symptoms of Overexposure: Allergic type reactions. Irritation to eyes and skin.

Medical Conditions Generally Aggravated by Exposure: None known.

Carcinogenicity: None known

Emergency and First Aid Procedures:

Eyes: Immediately flush with water. Seek medical attention if irritation continues

Skin: Wash with soap and plenty of water.

Inhalation: Remove victim to fresh air. Seek medical attention if irritation continues.

Ingestion: May result in soreness of mouth, stomach pains and vomiting. Rinse mouth thoroughly with water. Drink plenty of water immediately. Do not induce vomiting. Get medical advice

7. PRECAUTIONS FOR SAFE HANDLING AND USE - SPILL AND LEAK PROCEDURE

Precautions to Be Taken in Handling & Storage: Store in a cool place. Keep container closed when not in use.

Avoid formation of dust and aerosols. Adequate ventilation.

Spill or Leak Procedures: Sweep up or vacuum immediately using high efficiency filtered

equipment. Avoid raising dust. Wear protective clothing.

Provide sufficient ventilation. Do not discharge to drains.

Wash contaminated clothes.

Waste Disposal Methods: In accordance with Federal, State and local regulations.

No other special disposal methods required.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Avoid breathing dust. Use filter mask to cover nose and mouth.

Ventilation: Adequate to minimize dust accumulation.

Protective Gloves: Wear gloves.

Eye Protection: Wear safety glasses.

Other Protective Equipment: Not applicable

9. REGULATORY INFORMATION

DOT Proper Shipping Name: Not regulated as hazards by DOT

DOT Hazard Class: Not applicable

DOT Label: Not applicable

TSCA: Ingredients on inventory

RCRA Hazard Class (if discarded): Not applicable

CERCLA: Not applicable

SARA Title III:

Section 302/304 Extremely Hazardous Substance: Not applicable

Section 311 Hazard Categorization: Acute, chronic

Section 313 Toxic Chemical: None

Ecological: Not dangerous to the environment. Soil mineralization is rapid at 8 to 16 days depending upon soil type.

10. OTHER INFORMATION

The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of the Company, it is the responsibility of the User to determine the conditions of safe use of this product.