



## MATERIAL SAFETY DATA SHEET

### Early Bale® Plus

EPA Reg. No. 081949-00001-082180

EPA Est. No. 82180-VA-001

Preparation Date: March 07, 1995

Revision Date: October 27, 2008

### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

Product Name:	<b>Early Bale® Plus</b>
Chemical Name:	Ammonium propionate/propionic acid
Manufacturer:	Micron Bio-Systems, Inc. 2329 Old Buena Vista Road P.O. Box 868 Buena Vista, VA 24416 Tel. (540) 261-2468 Fax (540) 261-1476

### 2. HAZARDOUS INGREDIENTS

Hazardous Components (Specific Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits
Propionic acid (68-70% by formula)			10 ppm

### 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Not applicable
Bulk Density:	8.83 lb/gal
Specific Gravity:	1.06 g/ml
Vapor Pressure (mm Hg):	Not applicable
Vapor Density:	Not applicable
Solubility in Water:	Complete
% Volatile by Volume:	Not applicable
Appearance/Odor:	Light green liquid, mild vinegar
pH:	5.5-6.2

### 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	>200 °F (TCC)
Flammable Limits (LEL and LEL):	Not applicable
Extinguishing Media:	Water spray, dry chemical, CO <sub>2</sub>
Special Fire Fighting Procedure:	Not applicable
Unusual Fire and Explosion Hazards:	Not applicable

### 5. REACTIVITY DATA

Stability:	Stable in closed container
Incompatibility:	Alkali, halogens, strong oxidizing agents
Hazardous Polymerization:	Will not occur



## **6. HEALTH HAZARD DATA**

Signs and Symptoms of Overexposure:	Cause skin irritation and eye burns.
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:	Immediately flush with water. Seek medical attention if symptoms persist
Inhalation:	Remove victim to fresh air. Seek medical attention if symptoms persist
Ingestion:	Do not induce vomiting. Drink plenty of water or milk. Get medical advice

## **7. PRECAUTIONS FOR SAFE HANDLING AND USE - SPILL AND LEAK PROCEDURES**

Handling and Storage: Store at ambient temperature. Avoid skin and eye contact and breathing vapor  
Spill or Leak Procedures: Contain spill; absorb with absorbent material; collect in a container for disposal  
Waste Disposal Methods: In accordance with Federal, State and local regulations

## **8. SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	If needed, NIOSH approved respirator for organic vapor
Ventilation:	Adequate
Protective Gloves:	Wear impervious gloves
Eye Protection:	Wear safety glasses with side shields
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
Section 313 Toxic Chemical:	None

## **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.