

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Product Identity: TechMix Blue 2 (13722-787)

Section I

Manufacturer's Name Form-A-Feed, Inc.	Emergency Telephone Number 1-800-422-3649
Address (Number, Street, City, State, and ZIP Code) PO Box 9 740 Bowman Street	Telephone Number for Information 1-800-422-3649
Stewart, MN 55385	Date Prepared 6-28-05
	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% optional
Citric Acid	15 mg/m ³	10 mg/m ³		
Lactic Acid	15 mg/m ³	10 mg/m ³		
Acetic Acid	15 mg/m ³	10 mg/m ³		
Potassium Citrate				

Section III – Physical/Chemical Characteristics

Boiling Point N/A	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.) N/A	N/A	Melting Point	Not Determined
Vapor Density (AIR = 1) N/A	N/A	Evaporation Rate (Butyl Acetate = 1)	Not Determined
Solubility in Water: 100% Soluble Liquid			
Appearance and Odor: Blue liquid, slight vinegar odor			

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A	Flammable Limits: N/A	LEL	UEL
Extinguishing Media: Dry Chemical, Water, CO ₂ , Sand, Alcohol Foam			
Special Fire Fighting Procedures: Wear full protective clothing and NIOSH approved self-contained breathing apparatus with a full facepiece operated in the positive pressure or pressure demand mode.			
Unusual Fire and Explosion Hazards:			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid:
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Strong Bases, alkali metals			
Hazardous Decomposition or Byproducts Carbon dioxide and carbon monoxide may form when heated			
Hazardous Polymerization	May Occur		Conditions to Avoid: Heat, ignition sources, flames, incompatibles
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of entry:	Inhalation? YES	Skin? YES	Ingestion? YES
Health Hazards (<i>Acute and Chronic</i>) Eyes: Mild irritation.			
Skin: Mild irritation			
Inhalation: Mild irritation			
Ingestion: In large amounts can cause gastrointestinal irritation. In small amounts acts as a mild acidifier.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure			
Inhalation: coughing, shortness of breath. Skin: Itching, redness Eyes: May be abrasive			
Medical Conditions			
Generally Aggravated by Exposure			
Emergency and First Aid Procedures			
Inhalation: Move individual to fresh air. Get medical attention if necessary.			
Skin: Remove contaminated clothing and wash affected area with soap and water. If irritation persists, get medical attention.			
Ingestion: Dilute with water or milk. Seek medical attention. Never give anything by mouth to an unconscious person.			
Eyes: Flush with water for 15 minutes. Get medical attention.			

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	
Ventilate area of leak or spill. If contaminated and unusable for original purpose, place in a closed, marked	
Container in a secure place for disposal. Contain spills. Do not contaminate water sources – spills will decrease pH.	
Waste Disposal Method	
Follow all state and local requirements for disposal of wastes	
Precautions to Be Taken in Handling and Storing	
Store in closed containers in a cool, dry, well ventilated area.	
Other Precautions	

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Use NIOSH approved mask when working conditions generate airborne particulates above the exposure limit.		
Ventilation	Local Exhaust N/A	Special N/A
	Mechanical (General) N/A	Other N/A
Protective Gloves	Eye Protection	
Rubber Gloves	Goggles or approved protection for the working conditions	
Other Protective Clothing or Equipment		
Wear impervious protective clothing as appropriate.		
Work/Hygienic Practices		
Wash with soap and water after application is finished.		