

# 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: **Fresh Cow YMCP Plus (21746-186, -183, -184)**

### 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 7-02-2010
	Signature of Preparer (optional)

### Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	Other Limits			
	OSHA PEL	ACGIH TLV	Recommended	% optional
Citric Acid	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		
Calcium Carbonate	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		

### Section III – Physical/Chemical Characteristics

Boiling Point N/A	N/A	Specific Gravity ( $H_2O = 1$ )	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: 50% - 60%			
Appearance and Odor: Off-white powder, bland odor			

### Section IV - Fire and Explosion Hazard Data

Flash Point: N/A	Flammable Limits: N/A	LEL	UEL
Extinguishing Media: Dry Chemical, Water, CO <sub>2</sub> , 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 (*Materials to Avoid*): 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
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Health Hazards (*Acute and Chronic*) 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: No	NTP? No	IARC Monographs? No	OSHA Regulated? No
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### Signs and Symptoms of Exposure

Inhalation: coughing, shortness of breath. Skin: Itching, redness Eyes: May be abrasive or irritating

### 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 (*Specify Type*)

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

Rubber Gloves

### Eye Protection

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.