

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: **64021173, 64021176, 64021179 For-A-Flex Biotin Formula**

Section I

Manufacturer's Name Form-A-Feed Inc.	Emergency Telephone Number 320-562-2413
Address (Number, Street, City, State, and ZIP Code) P.O. Box 9 740 Bowman St Stewart, MN 55385	Telephone Number for Information 320-562-2413
	Date Prepared 5-31-12
	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
Extruded Soybean Meal	not established	not established		
Soy Flour	not established	not established		
Live Microbials	not established	not established		
d-IMethionine	not established	not established		
Linseed Meal	not established	not established		
Dried Molasses	not established	not established		
Biotin 2%	not established	not established		
Wheat Midds	not established	not established		
Zinc Methionine	not established	not established		
L-Lysine	not established	not established		
Zinc Proteinate	not established	not established		

Section III – Physical/Chemical Characteristics

Boiling Point N/A	N/A	Specific Gravity ($H_2O = 1$) N/A	N/A
Vapor Pressure (mm Hg.) N/A	N/A	Melting Point N/A	N/A
Vapor Density (AIR = 1) N/A	N/A	Evaporation Rate (Butyl Acetate = 1) N/A	N/A
Solubility in Water: Very low			
Appearance and Odor: Light tan, powder-like substance. Mild aroma.			

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A	Flammable Limits: N/A	LEL N/A	UEL N/A
Extinguishing Media: Dry Chemical, Water, CO ₂ , Alcohol Foam			
Special Fire Fighting Procedures: Standard procedures			
Unusual Fire and Explosion Hazards: None			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid:
	Stable	X	

Incompatibility (*Materials to Avoid*)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of entry:	Inhalation?	Skin?	Ingestion?
--------------------	-------------	-------	------------

Health Hazards (*Acute and Chronic*)

Skin: May cause mild skin irritation

Inhalation: May cause mild respiratory tract irritation

Ingestion: Mild stomach upsets possible.

Carcinogenicity: N/A	NTP? No	IARC Monographs? No	OSHA Regulated? No
-------------------------	------------	------------------------	-----------------------

Signs and Symptoms of Exposure

Medical Conditions
Generally Aggravated by Exposure

Emergency and First Aid Procedures
Inhalation: Move individual to fresh air. Get medical attention if necessary.
Skin: Wash with soap and water. If persistent irritation occurs, get medical attention.
Ingestion: Give large amounts of water or milk.
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
 Sweep and use as originally intended, or dispose in landfill.

Waste Disposal Method
 Dispose in landfill.

Precautions to Be Taken in Handling and Storing

Other Precautions

Section VIII – Control Measures

Respiratory Protection (*Specify Type*)
 Use NIOSH-approved respirator in presence of high levels of dust.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves Recommended	Eye Protection Recommended
----------------------------------	-------------------------------

Other Protective Clothing or Equipment

Work/Hygienic Practices
 Wash hands before eating, smoking, or using toilet.