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.

IDENTITY (As used on Label and List) **BOVINE BUFFER**	*Note:* Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section 1

Manufacturer's Name; MAI/GENESIS INDUSTRIES	Emergency Telephone Number; COMTREC 1-800-424-9300
Address (*Number, Street, City, State, and ZIP Code):* P.O. BOX 39	Telephone Number for Information: 1-715-778-5821
Spring Valley, WI 54767	Date Printed: 29 August 2006
United States of America	Signature of Preparer (*optional*) Sandra Weis

Section II – Hazardous Ingredients/Identity Information

Hazardous Components () Specific Chemical Identity	Common Names(s)	CAS #	OSHA PEL	ACGIH TLV	Other limits Recommended
C18, H37, O4, Al	Aluminum Monostearate	7047-84-9	N/A	10mg/m ^{3}	
Triglyceride	High Oleic Safflower Oil	8001-23-8	N/A	N/A	
NaHCO3	Sodium Bicarbonate	144-55-8	N/A	N/A	
Kaolin	Clay	1332-58-7	N/A	N/A	

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O =1)	1.43 / cc
Vapor Pressure (mm Hg.)	N/A	Melting Point	392-437° F
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water Immiscible in water			
Appearance and Odor Cream color; slight odor			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used):	Flammable Limits N/A	LEL	UEL
Extinguishing Media: Water, Foam, CO2, Dry Chemical			
Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards: Fire may exhibit grease type tendencies.			

Section V – Reactivity Data

Stability	Unstable		Conditions To Avoid N/A
	Stable	X	
Incompatibility (Materials to Avoid): Contact with acids except under controlled conditions.			
Hazardous Decomposition or Byproducts: Carbon dioxide gas can be produced if product contacts acids in a confined space			
Hazardous Polymerization	May Occur		Conditions To Avoid N/A
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? X	Ingestion? Not likely	Eyes? X
Health Hazards (*Acute and Chronic*) : Contact with skin and/or eyes may produce mild irritation.				
This product is not intended for human consumption.				
Carcinogenicity:	NTP? No	IARC Monographs ? No	OSHA Regulated? No	
Signs and Symptoms of Exposure: **Irritation of skin and/or eyes.**				
Medical Conditions Generally Aggravated by Exposure: No data.				
Emergency and First Aid Procedures: Eyes: Flush with water for at least 15 minutes. If irritation persists, obtain medical attention. Skin: Wash with soap and water. If irritation occurs and persists, obtain medical attention. Ingestion: Drink water to dilute. Seek medical attention if necessary.				

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up as much as possible for salvage or disposal. Wash away residue with water
Waste Disposal Method: Dispose in a secured landfill in accordance with all local, state and federal environmental regulations. Empty containers may be incinerated or discarded as general trash.
Precautions to Be Taken in Handling and Storing: Store in cool, dry area and away from other chemicals that may contaminate the product.
Other Precautions: Wear eye protection and NIOSH approved dust respirator to prevent irritation where excessive dust may be expected.

Section VIII – Control Measures

Respiratory Protection (*Specify Type*): None needed under normal conditions.		
Ventilation	Local Exhaust: Use when excessive dust is in the work environment.	Special: N/A
	Mechanical (*General*):	
Protective Gloves: To avoid skin contact, wear impermeable gloves	Eye Protection: Use eye protection when administering product.	
Other Protective Clothing or Equipment: N/A		
Work/Hygienic Practices: Wash hands with mild soap and water after handling product. Launder contaminated clothes before reuse.		

The information in this MSDS was prepared from industry data for use by anyone working with or handling this product. We believe the information presented is correct, but since the conditions of the use of the product are not within the control of MAI/Genesis Industries, it is the user's obligation to determine the conditions of safe use of the product.