



MAGNAMAXX[®]

A FEED GRADE CALCIUM SALT OF LONG-CHAIN FATTY ACIDS WITH INCREASED PALMITIC AND OLEIC ACIDS

Section 1. Identification

PRODUCT IDENTIFIER:	MagnaMaxx
RECOMMENDED USE:	Rumen Bypass Fats for Dairy Cows
DISTRIBUTOR:	Energy Feeds International, LLC 745 85th Ave, Suite A Oakland, CA 94621 Phone: (877) 255-2280

Section 2. Hazard(s) Identification

Treat as inert and non-hazardous. No toxic or ill-effects under normal exposure conditions are known. Repeated and prolonged exposure is not known to aggravate medical conditions.

INGESTION:	May cause mild stomach upset
SKIN CONTACT:	May cause irritation. No data on sensitivity.
EYE CONTACT:	May cause slight irritation.

Section 3. Composition/Information on Ingredients

CHEMICAL COMPOSITION:	Calcium Salts of Long-Chain Fatty Acids
STABILIZING/PRESERVATIVE ADDITIVES:	BHT used as a preservative

Section 4. First-Aid Measures

INGESTION:	Rinse mouth with water.
SKIN CONTACT:	Dust off or flush affected area with soap and water.
EYE CONTACT:	Check and remove any contact lenses. Flush eyes with water for 10 minutes or until area is clean.

Seek medical attention if affected area continues to be irritated.

Section 5. Fire-Fighting Measures

FLASH POINT:	400° C / 752° F
SMOKE POINT:	Not available.
FLAMMABILITY:	May be combustible at high temperatures.
HAZARDOUS COMBUSTION PRODUCTS:	Soot, smoke, carbon monoxide.
EXTINGUISHING MEDIA:	Dry fire-fighting chemicals, foam, water, carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES:	Strong water spray could spread burning oil. Water mist or sprinkler is recommended.

Section 6. Accidental Release Measures

IN CASE OF SPILLS OR LEAKS:	Adequate sweeping or vacuum.
WASTE DISPOSAL METHODS:	The product is easily bio-degradable. Observe all local, state and federal regulations.
PROTECTIVE EQUIPMENT RECOMMENDED:	Face mask or breathing apparatus.



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Section 7. Handling and Storage

Keep product away from heat and sources of ignition. Do not ingest. Do not breathe dust.

Section 8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs): Not Applicable/Not Relevant
 Threshold Limit Values (TLVs): Not Applicable/Not Relevant
 Appropriate engineering controls: Not Applicable/Not Relevant

PERSONAL PROTECTIVE EQUIPMENT: Generally not required.

Exceptions may consider the following:

RESPIRATORY SYSTEM: Wear appropriate respirator when ventilation is inadequate.
 SKIN AND BODY: Not necessary
 HANDS: Impervious gloves
 EYES: Safety glasses or goggles
 OTHER/SPECIAL: None required

Section 9. Physical and Chemical Properties

APPEARANCE: Light brown granules of 0.3-3mm
 UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not Applicable/Not Relevant
 ODOR: Fatty acid odor
 VAPOR PRESSURE (mmHg): Not Applicable/Not Relevant
 ODOR THRESHOLD: Not Applicable/Not Relevant
 VAPOR DENSITY: Not Applicable/Not Relevant
 pH: Not Applicable/Not Relevant
 RELATIVE DENSITY: Not Applicable/Not Relevant
 MELTING POINT: 150° C / 302° F
 SOLUBILITY IN WATER: Insoluble in water
 SOLUBILITY IN SOLVENTS: None known
 BOILING POINT: 300° C
 FLASH POINT: 400° C / 752° F
 EVAPORATION RATE: Not Applicable/Not Relevant
 FLAMMABILITY: May be combustible at high temperatures
 PARTITION COEFFICIENT: Not Applicable/Not Relevant
 AUTO-IGNITION TEMPERATURE: Not Applicable/Not Relevant
 DECOMPOSITION TEMPERATURE: Not Applicable/Not Relevant
 VISCOSITY: Not Applicable/Not Relevant
 SPECIFIC GRAVITY: 0.55

Section 10. Stability and Reactivity

REACTIVITY: Product is generally inert and pH neutral. It may experience dissociation when exposed to acidic substances.
 CHEMICAL STABILITY: The product is stable under normal ambient temperature and in conditions while in storage and being handled.



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Section 11. Toxicological Information

No known toxicological concerns. Product is non-toxic.

Section 12. Ecological Information

Product is readily bio-degradable.

Section 13. Disposal Considerations

This material is not regarded as hazardous waste. Observe all federal, state and local environmental regulations.

Section 14. Transport Information

Non-hazardous to any mode of transport. Observe all federal, state and local environmental regulations as they relate to transportation. Proper sealing and leak proof containers should be used to prevent possible leakages.

Section 15. Regulatory Information

Benign material. Not Applicable/Not Relevant

Section 16. Other Information

Source of Data: Manufacturer

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