



PROVIDA TOTAL CALF IG

According to federal register / Vol. 77, No. 58/ Monday, March 26, 2012 / Rules And Regulations

Safety Data Sheet

Revision data: 07/05/2018

Data of issue: 07/05/2018

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: PROVIDA TOTAL CALF IG

Intended Use of the Product

Animal Nutrition

Name, Address, and Telephone of the Responsible Party

Company

MB NUTRITIONAL SCIENCES, LLC

6508 E. FM40

LUBBOCK, TX 79403

(877)543-8011

www.mbfeeds.com

Emergency Telephone Number

Emergency Number

Medical Emergency: 806-775-8200

Chemical Emergency: 806-775-2632

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Combustible Dust

Label Elements

GHS-US Labeling

Signal Word (GHS-US): Warning

Hazard Statements (GHS-US): May form combustible dust concentration air

Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions

Unknown Acute Toxicity (GHS-US)

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Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Bovine Plasma	None	Proprietary	Not Classified
Calcium Carbonate	(CAS No) 471-34-1	Proprietary	Skin and Eye Irritation
Ferrous Sulfate	(CAS No) 7782-63-0	Proprietary	Oral Toxicity, Eye, Skin, and Respiratory Irritation
Copper Sulfate	(CAS No) 7758-99-8	Proprietary	Oral Toxicity, Eye, Skin, and Respiratory Irritation
Sodium Selenite	(CAS No) 26970-82-1	Proprietary	Oral, Skin, and Respiratory Toxicity, Carcinogenic
Zinc Sulfate	(CAS No) 7446-20-0	Proprietary	Eye Irritation
Manganese Sulfate	(CAS No) 10034-96-5	Proprietary	Eye Toxicity, Repeated Exposure Toxicity
Iron Proteinate	None	Proprietary	Not Classified
Zinc Proteinate	None	Proprietary	Not Classified
Copper Proteinate	None	Proprietary	Not Classified
Manganese Proteinate	None	Proprietary	Not Classified
Montmorillonite Clay	(CAS No) 1318-93-0	Proprietary	Not Classified
Calcium Iodate	(CAS No) 7789-90-2	Proprietary	Skin, Eye, Respiratory Irritation
Enterococcus Faecium	(CAS No) 68876-78-8	Proprietary	Not Classified
Active Dry Yeast	(CAS No) 8013-01-2 AAFCO 96.12	Proprietary	Combustible Dust
Niacin	(CAS No) 59-67-6	Proprietary	Combustible Dust, Eye and Skin Irritation
Cobalt Sulfate	(CAS No) 10026-24-1	Proprietary	Oral Toxicity, Eye, Skin, and Respiratory Irritation, Carcinogenic, and Reproductive Toxicity
Vitamin A	(CAS No) 68-26-8	Proprietary	Combustible Dust, Eye and Skin Irritation
Whey Protein	(CAS No) 91082-88-1	Proprietary	Combustible Dust
Dextrose	(CAS No) 50-99-7	Proprietary	Combustible Dust

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Vitamin D	(CAS No) 67-97-0	Proprietary	Combustible Dust, Eye and Skin Irritation
Vitamin E	(CAS No) 10191-41-0	Proprietary	Combustible Dust, Eye and Skin Irritation
Thiamine Mononitrate	(CAS No) 532-43-4	Proprietary	Not Classified
Riboflavin	(CAS No) 83-88-5	Proprietary	Not Classified
Calcium Pantothenate	(CAS No) 137-08-6	Proprietary	Not Classified
Biotin	(CAS No) 89889-52-1	Proprietary	Not Classified
Ascorbic Acid	(CAS No) 50-81-7	Proprietary	Combustible Dust
Pyridoxine Hydrochloride	(CAS No) 58-56-0	Proprietary	Not Classified
Folic Acid	(CAS No) 59-30-3	Proprietary	Not Classified
Vitamin B12	(CAS No) 68-19-9	Proprietary	Not Classified
Yeast Extract	(CAS No) 8013-01-2 AAFCO 96.12	Proprietary	Combustible Dust

This product contains a blend of feed and/or foodstuffs. All ingredients contained in this product are defined as feed ingredients by the Association of American Feed Control Officials (AAFCO). All ingredients are used in accordance with the definitions provided for by AAFCO.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

Skin contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use. Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

Inhalation: Dust may be harmful or cause irritation.

Skin Contact: Prolonged exposure may cause mechanical irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion is not expected to be harmful.

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Chronic Symptoms: None Known.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: Dust explosion hazard in air.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustible Products: Carbon oxides (CO, CO₂). Smoke.

Other Information: Risk of dust explosion.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate Unnecessary Personnel.

For Emergency Personnel

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Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained.

Environmental Precautions

Prevent entry to sewers and public water

Methods and Material for Containment and Cleaning Up

For containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Relative humidity should not exceed 75%.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Storage Temperature: < 32 °C (< 90 °F)

Specific End Use(s)

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Animal nutrition

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Dust formation: dust mask.

Materials for Protective Clothing: Wear suitable protective clothing.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: White to Grey, powder
Odor	: Odorless
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Explosive Limit	: Not available
Upper Explosive Limit	: Not available

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Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific gravity / density	: 32 lb/ft ³
Solubility	: Soluble in water
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Static Discharge could act as an ignition source

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Generation of airborne dust.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition generates: Carbon oxides (CO, CO₂). Smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Yes

Eye Damage/Irritation: Yes

Respiratory or Skin Sensitization: Yes

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified Specific

Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified Specific

Target Organ Toxicity (Single Exposure): Not classified

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Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Not classified

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause mechanical irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion of significant amount may cause gastrointestinal upset

Chronic Symptoms: None known.

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – General: Not classified.

Persistence and Degradability: Not established

Bioaccumulative Potential: Not established

Mobility in Soil: Not available

Other Adverse Effects: Not established

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, and national regulations

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT: Not regulated for transport

In Accordance with IMDG: Not regulated for transport

In Accordance with IATA: Not regulated for transport

In Accordance with TDG: Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Section (b)(5)(iii) of the HCS (CFR 1910.1200) exempts food, including feed and therefore any associated feed dust, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

US State Regulations

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Neither this product nor its chemical components appear on any US state lists.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 07/05/2018

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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