



# SAFETY DATA SHEET

## Section 1 - Identification

# 7/60 L PEF

Manufacturer: Milk Specialties Global  
7500 Flying Cloud Drive, Ste. 500  
Eden Prairie, MN 55344  
Phone: 800-323-4274

Product Name: 7/60 L PEF  
Other means of Identification: PEF Protein-Encapsulated-Fat Products  
Restrictions on use: Animal use only

**Company:**  
Magic Valley Powder LLC  
3586 Highway 93  
Twin Falls, ID 83301

Emergency telephone: 208-735-2120

Issuing date: 4-30-2023

## Section 2 – Hazard Identification

**Emergency Overview:** This product is a white to beige powder (solid) with a dairy or animal feed odor. Prolonged or repeated exposure to dust generated by this product may cause irritation to skin, eyes and respiratory system. This product contains lactose; individuals who are lactose intolerant may experience some asthmatic allergic reaction. This product is a potential allergen due to the presences of milk proteins. This product is a non-flammable solid, however product may become a combustible dust wen finely divided, dried and suspended in air. The Environmental effects of this product may cause waterway derogation if released in large quantities.

**Classification:** Classification of substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS)

**Label Elements:** This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910.1200.

**Hazard Statement(s):** May cause breathing difficulties if inhaled. May create a flash fire or explosion if dust of certain particle size is suspended in air at a sufficient concentration IN A CONFINED SPACE and exposed to an ignition source.

**Precautionary Statement(s):** Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling.

**Section 3 – Composition/Information on Ingredients:** A mixture of feed ingredients, all generally recognized as safe for livestock by AAFCO (American Association of Feed Control Officials). Dust from prepared animal feeds (milk proteins, plant and/or animal fats, vitamins and minerals) 100%  
For more specific ingredients refer to label.

#### **Section 4 – First Aid Measures**

**General Advice:** Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and DSD to health professional with contaminated individual.

**Inhalation:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

**Skin Contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

**Eye Contact:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

**If Swallowed:** Rinse mouth with clean water.

**Ingestion:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

#### **Section 5 – Fire-Fighting Measures**

**Flash Point:** Non-Flammable

**Flammable Limits:** Not Applicable

**Auto Ignition Temperature:** Not Applicable

**Flammable Limits:** Not Applicable

**Special Fire Fighting Procedures:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**Extinguishing Media:** Dry Chemical Powder, Foam

**Unusual Fire and Explosion Hazards:** Product may become a combustible dust when finely divided, dried and suspended in air. Keep away from sources of ignition. Provide adequate housekeeping and dust control.

**Explosion Sensitivity to Mechanical Impact:** Not Sensitive

**Explosion Sensitivity to Static Discharge:** Sensitive

**Section 6 – Accidental Release Measures**

**Spill and Leak Response:** Personnel should be trained for spill response operations.

**Spills:** Contain spill if safe to do so. Sweep, shovel, or rinse with water and place in an appropriate container for disposal. Avoid procedures that generate suspended dust. Dispose of in accordance with applicable Federal, State, and local procedures.

**Section 7 – Handling and Storage**

**Work Practices and Hygiene Practices:** Wash thoroughly after handling this product. Do not eat, drink, smoke or apply cosmetics while handling this product. Avoid breathing dusts generated by this product. Use in a well-ventilated location. Contain dust to lowest possible levels. Use equipment designed for combustible dust. Do not blow dust.

**Storage and Handling Practices:** Store in dry location away from chemicals. Product should not be exposed to direct sunlight, strong odors or open air for extended periods of time. Store at less than 75% relative humidity. Do not refrigerate.

**Section 8 – Exposure Controls/Personal Protection**

Particulates Not Otherwise Regulated - Respirable Fraction TWA

OSHA.....5 mg/cu m

Particulates Not Otherwise Regulated - Total Dust TWA

OSHA.....15 mg/cu m

**Respiratory Protection:** Yes  No  - Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use respiratory protection.

**Ventilation:** Yes  No  - Use with adequate ventilation to ensure exposer levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust.

**Gloves:** Yes  No  - Use chemical resistant gloves to prevent skin contact.

**Eye Protection:** Yes  No  - Safety glasses or chemical goggles as appropriate to prevent eye contact.

## **Section 9 – Physical and Chemical Properties**

**Appearance**.....A white to beige powder (solid) with a dairy or animal feed odor

**Odor**.....Mild

**Boiling Point**.....Not Applicable

**Freezing Point**.....Not Applicable

**Solubility in Water**.....Soluble

**Vapor/Pressure Density**.....Not Applicable

**Evaporation Rate**.....Not Applicable

**pH**.....5.5-7.0

**Specific Gravity**.....0.27 – 0.31

## **Section 10 – Stability and Reactivity**

**Stability**.....Stable

**Incompatibility**.....Avoid contact with strong oxidizing agents and strong alkalis.

**Hazardous Decomposition**.....When heated to decomposition this product produces Oxides of carbon.

**Hazardous Polymerization**.....Will Not Occur

**Conditions to Avoid**.....Generation of dust

## **Section 11 – Toxicological Information**

**Carcinogenicity**.....Not know to be carcinogenic

**Short Term & Long Term Exposure:** This product is not considered a sensitizer.

**Acute:** Contact with this product can be irritating to exposed skin, eyes and respiratory system.  
Repeated and prolonged inhalation can be irritating to the digestive system.

**Chronic:** None Known

**Signs and Symptoms of Exposure:** Irritating to exposed skin, eyes and respiratory system.

**Medical Conditions Generally Aggravated by Exposure:** Allergies and respiratory ailments.

## **Section 12 – Ecological Information**

No evidence is currently available.

### **Section 13 – Disposal Considerations**

Waste Disposal must be in accordance with appropriate Federal, State and Local regulations.

### **Section 14 – Transport Information**

This product is not hazardous as defined by 49 CFR 172.101 by the US Department of Transportation. Non-Regulated Material.

### **Section 15 – Regulatory Information**

All components in this product are listed on the US (TSCA) inventory of chemicals or are exempt from listing.

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 & Drug Administration.

### **Other Information**

Updated to SDS format: 04-30-2023

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