

MATERIAL DATA SAFETY SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY.

Product name: KMR POWDER
VAT #: 2309.90.3010
Application: milk replacer for pets
Company: PetAg, Inc.
Address: 201/255 Keyes Avenue, P.O. Box 396
Hampshire IL 60140
Country: United States of America
Telephone and Fax: Tel: (847)683-0458, Fax: (847)683-0460
E-mail address: intlmspa@aol.com

2. COMPOSITION INFORMATION ON INGREDIENTS

Whey Protein Concentrate, Casein, Dried Skimmed Milk, Vegetable Oil, Butter Fat, Corn Syrup Solids, Egg Yolk, Monocalcium Phosphate, Lactose, L-arginine, Lecithin, Calcium Carbonate, Potassium Chloride, Choline Chloride, Potassium Phosphate Monobasic, Dicalcium Phosphate, Magnesium Carbonate, Taurine, Potassium Phosphate Dibasic, Magnesium Sulfate, Ferrous Sulfate, Vitamin E Supplement, Zinc Sulfate, Dipotassium Phosphate, Silico Aluminate, Niacin Supplement, Vitamin C Supplement, Copper Sulfate, Vitamin A Supplement, Vitamin B₁₂ Supplement, Calcium Pantothenate, Manganese Sulfate, Vitamin D₃ Supplement, Ethylenediamine Dihydriodide, Folic Acid, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Biotin, and Mono and Diglycerides

Crude Protein, min	40.00 %
Crude Fat, min	27.00 %
Crude Fiber	0.00 %
Moisture, max	5.00 %
Crude Ash, max	7.00 %

3. HAZARD IDENTIFICATION

KMR POWDER has an acute toxicity of more than 5 grams per kilogram of body weight. It is termed to be non-toxic. It is not considered to be toxic from inhalation exposure. Long term exposure to excessive levels of any dust can lead to respiratory irritation.

4. FIRST AID MEASURES

Inhalation: Remove from source to fresh air. If symptoms occur, seek medical attention.

Ingestion: No treatment necessary

Skin: Cleanse with soap and water

Eyes: For eye contact, flush eyes with plenty of water for several minutes. If irritation develops, seek medical attention.

5. FIRE FIGHTING MEASURES

Non-flammable

6. ACCIDENTAL RELEASE MEASURES

Wastes are not classified as hazardous to the environment and do not bio accumulate. Dry cleaning is preferred over wet cleaning but both are applicable.

7. HANDLING & STORAGE

Handling: Use appropriate engineering controls and work practices to minimize dust generation.

Storage: Dry covered conditions recommended.

8. EXPOSURE/PERSONAL CONTROL

Personal Protection: Avoid inhalation of dust.

Protection recommended for workers who suffer from dermatitis or sensitive skin.

Provide eye-wash facilities.

Maintain good standards of industrial hygiene and ensure that occupational exposure standards are maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light beige

Odor: milk

pH of 1% aqueous extract: 5.3 to 5.5

Density of the loose powder: 80 kg per cubic meter

Flash point: not applicable

Solubility: generally is insoluble in common solvents (less than 100 mg/kg of water)

10. STABILITY AND REACTIVITY

Circumstances to avoid: None

Danger decomposition products: None

11. TOXICOLOGICAL INFORMATION

Toxicology: Low acute toxicity

Dermal irritation: Slight dermal irritation in susceptible individuals

Eye irritation: Prolonged exposure to contact can lead to mild irritation

12. ECOLOGICAL INFORMATION

Persistence and degradability: Completely biodegradable

Bioaccumulation: Wastes are not classified as hazardous to the environment and do not bioaccumulate.

Aquatic toxicity: Negligible

13. DISPOSAL INFORMATION

Disposal must be in accordance with local and national legislation.

Dispose through an authorized waste contractor to a licensed site.

Provided care is taken to inhibit airborne dust, normal factory disposal procedures may be employed using skips and tips, then land fill. Spillages may be swept up or hosed away without additional hazard other than slippery surface caused by water.

14. TRANSPORTATION INFORMATION

Not classified as dangerous for transportation

15. REGULATORY INFORMATION

RISK PHRASES: Irritating to respiratory system.

SAFETY PHRASES: Avoid breathing dust.

STATUTORY INSTRUMENTS:

Health and Safety at Work Act 1874.

The Dangerous Substances Directive 67/155/EEC enacted in the UK by Chemicals (Hazard Information and Packaging) Regs 1993 (Si 1746).

Control of Substances Hazardous to Health Regs 1988 (Si 1657).

Environmental Protection Act 1990.

CODES OF PRACTICE:

Classification and labeling substances dangerous for supply (COP22)

Waste management: The duty of care.

GUIDANCE NOTES:

Health and Safety Executive: Occupational exposure limits IEH 40/94)

Classification, Packaging and Labeling of Dangerous Substances Regs 1984 HS (R) 22.

16. OTHER INFORMATION

It is important to follow the inclusion instructions detailed in the Product Data Sheet. Do not use the product for any other application without obtaining advance from PetAg beforehand.

If this product is for resale, insure that the purchaser receives a copy of this information.

Rev. 1/1/02