

# SAFETY DATA SHEET

Kaeco Equi-Mast Paste

DuraGastric EQ Gel

FILE NO.: 5487

MSDS DATE: 12/27/18

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Kaeco Equi-Mast Paste  
SYNONYMS: Equi-Mast Paste

MANUFACTURER: ProbioFerm  
ADDRESS: 10215 Dennis Drive, Urbandale, Iowa 50322  
PHONE: 1-515-270-5250  
FAX PHONE: 1-515-270-1091  
WEB: www.probioferm.com

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

SECTION 1 NOTES: N/A

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>% WT</u>	<u>CAS #</u>
Soy oil	32	8001-22-7
Silicon Dioxide	5.8	7631-86-9
Soy lecithin	8.4	8002-43-5
Mastic Gum	28	61789-92-2
Dextrose	20	50-99-7
FOS	5	308066-66-66-2
Probiotic Blend	<1	NA
Vanilla Flavor	<1	121-33-5

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:	N/A	N/A
OSHA PEL STEL :	N/A	N/A
OSHA PEL CEILING:	N/A	N/A
ACGIH TLV-TWA:	N/A	N/A
ACGIH TLV STEL:	N/A	N/A
ACGIH TLV CEILING:	N/A	N/A

SECTION 2 NOTES: N/A

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Caution! May cause irritation to eyes, skin, and respiratory system. Avoid contact with eyes and prolonged contact with skin. Avoid breathing vapors. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

ROUTES OF ENTRY: Mouth, Eyes, Skin

### POTENTIAL HEALTH EFFECTS

EYES: Powder in the eyes will cause irritation.

SKIN: Excessive exposure may irritate the skin.

INGESTION: May cause irritation, nausea, vomiting, diareaha.

INHALATION: Powder may irritate respiratory system.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

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### CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

OTHER: N/A

SECTION 3 NOTES: N/A

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## SECTION 4: FIRST AID MEASURES

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### First Aid: Eyes

Immediately flush eyes with large amounts of room temperature water, occasionally lifting the lower and upper lids, for at least 15 minutes. If symptoms persist after 15 minutes of irrigation, seek medical attention.

### First Aid: Skin

Remove all contaminated clothing. For skin contact, wash thoroughly with soap and water for at least 20 minutes. Seek immediate medical attention if irritation develops or persists.

### First Aid: Ingestion

DO NOT INDUCE VOMITING, unless directed by medical personnel. Have victim rinse mouth thoroughly with water, if conscious. Never give anything by mouth to a victim who is unconscious or having convulsions. Contact a physician or poison control center immediately.

### First Aid: Inhalation

Remove source of contamination or move victim to fresh air. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult. Get immediate medical attention.

First Aid: Notes to Physician-There is no specific antidote. Care is symptomatic and supportive.

## SECTION 5: FIRE-FIGHTING MEASURES

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Flash Point: Not applicable.

Method Used: Not applicable.

Upper Flammable Limit (UEL): Not applicable.

Lower Flammable Limit (LEL): Not applicable.

Auto Ignition: Not available.

Flammability Classification: Not applicable.

General Fire Hazards-Magnesium Sulfate Heptahydrate is not combustible, and does not contribute to the intensity of a fire. When involved in a fire, this material may decompose and produce irritating vapors, acrid smoke and toxic gases.

### Hazardous Combustion Products

When heated to decomposition, this product may emit toxic fumes of sulfur oxides.

Extinguishing Media-Use methods for surrounding fire.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self-contained breathing apparatus.

NFPA Ratings: Health:1 Fire:0 Reactivity:0 Other:Hazard Scale: 0= Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Containment Procedures-Stop the flow of material, if this can be done without risk. Contain the discharged material. . If sweeping of a contaminated area is necessary use a dust suppressant agent, which does not react with product (see Section 10 for incompatibility information). Keep spilled material dry and away from moisture.

Clean-Up Procedures-Wear appropriate protective equipment and clothing during clean-up.Shovel the material into waste container. Thoroughly wash the area after a spill or leak clean-up. Avoid contamination of soil, and prevent spill residue from running to groundwater or storm drains.

Evacuation Procedures-Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Keep materials that burn away from spilled material. In case of large spills, follow all facility emergency response procedures.

Special Procedures-Remove soiled clothing and launder before reuse. Avoid all skin contact with the spilled material. Have emergency equipment readily available.

SECTION 6 NOTES: For waste disposal, see section 13 of the MSDS

## SECTION 7: HANDLING AND STORAGE

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HANDLING: DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe vapors from this material. Guard against gel accumulation of this material. In

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case of insufficient ventilation, wear suitable respiratory equipment. Handle and open container with care. Practice good housekeeping.

**STORAGE:** Keep away from heat and sources of ignition. Store in cool place. Store in a well-ventilated place. Keep container tightly closed. Avoid dust formation. Guard against dust accumulation of this material. Use care in handling/storage.

SECTION 7 NOTES: N/A

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Ventilation should be sufficient to effectively remove and prevent buildup of any fumes that may be generated during handling or processing.

**RESPIRATORY PROTECTION:** Wear respirator with dust filter. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**EYE PROTECTION:** Use safety glasses to prevent contact with eyes.

**SKIN PROTECTION:** Normal work clothing (long sleeved shirts and long pants) is recommended.

**WORK HYGIENIC PRACTICES:** When using do not smoke. Do not breathe dust. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

SECTION 8 NOTES: N/A

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Bronze gel

**ODOR:** Mild, vanilla smell

**PHYSICAL STATE:** Flowable gel

**BOILING POINT:**

F: N/A

C: N/A

**MELTING POINT:**

F: N/A

C: N/A

**FREEZING POINT:**

F: N/A

C: N/A

**SOLUBILITY IN WATER:** Non-Soluble

SECTION 9 NOTES: N/A

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Material is stable under normal conditions.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong Oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None Known

SECTION 10 NOTES: N/A

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Inhalation of dusts may cause respiratory irritation. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 11 NOTES: This product has no known adverse effect on human health.

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Ecological injuries are not known or expected under normal use.

SECTION 12 NOTES: N/A

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Consult authorities before disposal. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

SECTION 13 NOTES: N/A

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## SECTION 14: TRANSPORT INFORMATION

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SECTION 14 NOTES: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

STATE REGULATIONS: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

HMIS® ratings: Health: 1  
Flammability: 0  
Physical hazard: 0  
Personal protection: E

NFPA ratings: Health: 0  
Flammability: 0  
Instability: 0

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