MATERIAL SAFETY DATA SHEET

Product Id: RM1000138 **Revision Date:** 5/16/2007 **Print Date:** 11/07/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: RM1000138

Product Name: Quest Plus (moxidectin/praziquantel) Equine Gel

Supplier: Fort Dodge Animal Health
800 5th Street NW
PO Box 518
Fort Dodge, IA 50501

General Information No.: (515) 955-4600
Emergency Telephone No.: (515) 955-6033

Emergency Telephone Number: (800) 424-9300

General Telephone Number: (515) 955-4600

Prepared By: Environmental, Health + Safety

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Weight %	ACGIH TWA:	CAS-No.	Wyeth OEG:	Units for TWAs, STELs, ACGIH, OSHA:
Moxidectin 113507-06-5	2	NA	113507-06-5	0.05	mg/m3
Benzyl Alcohol 100-51-6	20-30%	NA	100-51-6	NA	mg/m3
Praziquantel 55268-74-1	0	1000 ppm	55268-74-1	Not Established	mg/m3
ETHANOL 64-17-5	5-10%	1000 ppm	64-17-5	Not Established	mg/m3
Inerts (nonhazardous) NA	Balance	NA	NA	NA	mg/m3

3. HAZARDS IDENTIFICATION

Inhalation: None

Skin Contact: None known

Ingestion: Harmful if swallowed.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.

4. FIRST AID MEASURES

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.

Skin Contact: Flush skin with plenty of soap and water for at least 15 minutes. Remove all contaminated clothing and shoes. Get medical attention if symptoms persist.

Inhalation: No specific treatment, treat symptomatically. If breathing is difficult, give oxygen. If respiratory arrest occurs provide artificial respiration and seek immediate medical assistance.

Ingestion: No specific treatment, treat symptomatically. Call medical doctor or poison control center immediately if large quantities are ingested.

Aggravated Conditions: None known.

Notes to Physician: Direct treatment at control of symptoms.

5. FIRE FIGHTING MEASURES

Extinguishing Media and Fire Fighting Instructions: Use an extinguishing agent suitable for the surrounding class of fire. Use as little water as possible.

Special Hazards: In certain fire conditions, traces of other toxic gases may be emitted. Collect contaminated fire fighting water and prevent entry into drains and waterways. Dispose of fire debris and contaminated fire fighting water in accordance with regulations.

Personal Protective Equipment: Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Methods For Cleaning Up: Keep people out of area. Put on appropriate personal protective equipment (See Section 8). Use a tool to scoop up and put into appropriate labeled waste container. Initiate company's spill response procedures immediately. Dike spill area and do not allow product to reach sewarge system and surface or ground water. Provide notification of any reportable spill to authorities. (See Section 12 for environmental risks and 13 for disposal information.)

Personal Precautions: Not applicable

Environmental Precautions: This material is toxic to aquatic organisms, fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Keep out of waterways.

7. HANDLING AND STORAGE

Handling

Technical Measures/Precautions:	No special technical measures required when product is used as directed on label or package insert.
Safe Handling Advice:	Avoid contact with eyes, skin, and clothing. Wash after handling.

Storage

Technical Measures/Storage Conditions:	Store tightly closed in original container. Keep containers in a well ventilated, secure location. Keep out of reach of children.
Incompatible Products:	No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	General ventilation is typically sufficient to keep airborne levels below established values when product is used as directed on label or on package insert. Provide eye wash and quick drench shower close to work station. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, foot wear, and protective equipment after use.

Personal Protective Equipment

Respiratory Protection:	Respirator selection must be based on anticipated exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator is not needed under normal and intended conditions of product use.
Hand Protection:	gloves. Chemical resistant.
Skin and Body Protection:	Lab coat.
Eye Protection:	safety glasses, goggles, face-shield where product aerosol or splash potential exists.
Hygiene Measures:	Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	light yellow to yellow-orange
Odor:	aromatic (slight)
pH:	NA
Boiling Point/Range:	Not applicable
Melting Point/Range:	not determined
Density:	1.02-1.05 g/mL @77 deg. F
Vapor Density:	not determined
Physical State:	Gel
Vapor Pressure:	not determined
Viscosity	Not applicable
Partition Coefficient:	Not applicable
Solubility:	Insoluble in water.
Solubility in Other Solvents:	None known
Flash Point:	116 deg. F
Explosion limits	
- upper	no data available

- lower	no data available
Autoignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Dust Explosivity	Not applicable.

10. STABILITY AND REACTIVITY

Stability:	no data available
Conditions to Avoid:	reactive with acids, alkalis. Reactive with oxidizing agents
Materials to Avoid:	no data available
Polymerization:	no data available
Hazardous Decomposition Products:	carbon oxides (CO, CO2) nitrogen oxides (NO, NO2)

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

LC50/inhalation/rat =	not determined
Principle Routes of Exposure:	Central nervous system. Liver.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.
Skin Contact:	Harmful in contact with skin.
Ingestion:	Harmful if swallowed.
Inhalation:	no data available.

Chronic Toxicity:

Target Organs	Central Nervous System (CNS). Liver.
Specific Effects:	abdominal cramps/ pain central nervous system, depression,
Sensitization:	Not available.
Carcinogenic Effects:	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic Effects:	No known mutagenic effect.
Teratogenic Effects:	May be teratogenic if ingested due to ethanol content.
ReproductiveToxicity:	No evidence of human reproductive effects.
Aggravated Conditions:	None known.

12. ECOLOGICAL INFORMATION

Environmental Fate: May cause long-term adverse effects in the aquatic environment.

Environmental Hazards: Highly toxic for: Fish. Aquatic Animals.

Ecotoxicity Effects: Moxidectin is highly toxic to fish and other aquatic organisms.

Aquatic Toxicity: LC50/96h/harlequin fish = 3.2-4.2 mg/L

Mobility: no data available

Bioaccumulation: no data available

Environmental Precautions: This material is toxic to aquatic organisms, fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Keep out of waterways.

13. DISPOSAL CONSIDERATIONS

Waste/Unused Products: Avoid disposal, make attempts to use product completely in accordance with intended use. Contact waste disposal services.

Contaminated Packaging: Not applicable

14. TRANSPORT INFORMATION

DOT (Road/Rail Transport)

UN/ID Number: UN1987
Proper Shipping Name: Alcohols, N.O.S. (Benzylalcohol, Ethanol)
Hazard Class: Class 3
Packing Group: III
DOT Reportable Quantity (lbs): Not controlled.
Marine Pollutant: Yes

ICAO/IATA (Air Transport):

UN/ID Number: UN1987
Proper Shipping Name: Alcohols, N.O.S. (Benzylalcohol, Ethanol)
Hazard Class: Class 3
Packing Group: III

IMO/IMDG (Maritime Transport):

UN/ID Number: UN1987
Proper Shipping Name: Alcohols, N.O.S. (Benzylalcohol, Ethanol)
Hazard Class: Class 3
Packing Group: III
Marine Pollutant: Yes

15. REGULATORY INFORMATION

Indication of Danger: Not controlled

Other Regulations: Not controlled

16. OTHER INFORMATION

Additional Advice: Use this product only in accordance with the directions provided on the product label or the package insert.

The information provided in this MSDS is based on current knowledge. However, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use, and disposal of this product in accordance with label or package insert precautions and this information. All materials may present unknown hazards and should be used with caution.

***** End of Safety Data Sheet *****