MATERIAL SAFETY DATA SHEET

SECTION 1. Product and Company Identification
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Product Code: HH-IVER PASTE
Product Name: HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%
Reference #: ANADA 200-390
Manufacturer Information
Company Name: Distributed by:
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ
Emergency Contact: CHEMTREC (800)424-9300
Alternate Emergency Contact: District of Columbia (202)483-0414
Information: Farnam Companies, Inc. (800)234-2269
Preparer Name: S Faith

Additional Identity Information
100503595 6.08g (0.21 oz) box packaging
100503652 6.08g (0.21 oz) cello packaging

SECTION 2. Composition/Information on Ingredients
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>Concentration</th>
<th>OSHA PEL</th>
<th>ACGIHL TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivermectin Comp Bla</td>
<td>70161-11-4</td>
<td>0.1 -1.0 %</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>Avermectin A1a, 5-O-demethyl-25-de(1-methylpropyl)-22,23-dihydro-25-(1-methylethyl)</td>
<td>70209-81-3</td>
<td>0.1 -1.0 %</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

SECTION 3. Hazards Identification
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Emergency Overview
KEEP OUT OF REACH OF CHILDREN
Route(s) of Entry: Inhalation? N.A. , Skin? Yes , Eyes? Yes , Ingestion? Yes
Potential Health Effects (Acute and Chronic)
None known
Signs and Symptoms Of Exposure
None known
Medical Conditions Generally Aggravated By Exposure
None known

SECTION 4. First Aid Measures
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Emergency and First Aid Procedures
IF INGESTED: If accidental ingestion occurs, get medical attention immediately.
IF IN EYES: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.
IF ON SKIN: Wash contact area with soap and water. Remove contaminated clothing and wash before reuse. If irritation occurs or persists, get medical attention.

Note to Physician
None

SECTION 5. Fire Fighting Measures
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Flash Pt: NA
Explosive Limits: LEL: NE UEL: NE
Autoignition Pt: NA

Fire Fighting Instructions
Firefighters should wear self-contained breathing apparatus and full protective equipment.

Flammable Properties and Hazards
None known

Hazardous Combustion Products
None known

Extinguishing Media
Use water spray or all purpose dry chemical.

Unsuitable Extinguishing Media
None known

SECTION 6. Accidental Release Measures
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Steps To Be Taken In Case Material Is Released Or Spilled
Shovel spill into disposal containers. Rinse spill site with detergent and water. Use suitable protective gear.

SECTION 7. Handling and Storage
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Precautions To Be Taken in Handling
Do Not Smoke. Avoid contact with eyes, skin and clothing. Wash hands after use.

Precautions To Be Taken in Storing
Store in cool dry place away from heat and sunlight.

Other Precautions
Refrain from smoking and eating when handling. Wash hands after use. Avoid contact with eyes.

**SECTION 8. Exposure Controls/Personal Protection**

**HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%**

**Respiratory Equipment (Specify Type)**

None

**Eye Protection**

Wear safety goggles

**Protective Gloves**

Wear rubber gloves

**Other Protective Clothing**

None needed except for manufacturing situations or large spills of product.

**Engineering Controls (Ventilation etc.)**

Local exhaust sufficient.

**Work/Hygienic/Maintenance Practices**

Wash hands before eating, smoking, or using restroom.

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**SECTION 9. Physical and Chemical Properties**

**HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%**

**Physical States:**

[ ] Gas     [ ] Liquid     [ X ] Solid

**Melting Point:**

NA

**Boiling Point:**

NA

**Autoignition Pt:**

NA

**Flash Pt:**

NA

**Explosive Limits:**

LEL: NE          UEL: NE

**Specific Gravity (Water = 1):**

NA

**Density:**

NA

**Bulk density:**

NA

**Vapor Pressure (vs. Air or mm Hg):**

NA

**Vapor Density (vs. Air = 1):**

NA

**Evaporation Rate (vs Butyl Acetate=1):**

NA

**Solubility in Water:**

No data.

**Solubility Notes**

Dispersible

**Percent Volatile:**

NA

**VOC / Volume:**

NA 0.0000

**Heat Value:**

NA

**Particle Size:**

NA

**Corrosion Rate:**

NA

**pH:**

NA

**Appearance and Odor**

Clear, colorless paste

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http://msds.farnam.com/m001830.htm

9/21/2010
SECTION 10. Stability and Reactivity
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Stability:
Unstable [ ] Stable [ X ]

Conditions To Avoid - Instability
NE

Incompatibility - Materials To Avoid
None known

Hazardous Decomposition Or Byproducts
None known

Hazardous Polymerization:
Will occur [ ] Will not occur [ X ]

Conditions To Avoid - Hazardous Polymerization
None known

SECTION 11. Toxicological Information
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

No data available

Carcinogenicity/Other Information
Ivermectin is not listed as a carcinogen with NTP, OSHA, or IARC.

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
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<tr>
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<td>70209-81-3</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

Carcinogenicity: NTP? No    IARC Monographs? No    OSHA Regulated? No

SECTION 12. Ecological Information
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Ivermectin and excreted ivermectin residues may adversely affect aquatic organisms. Do not contaminate ground or surface water. Dispose of the syringe in an approved landfill or by incineration.

SECTION 13. Disposal Considerations
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

Waste Disposal Method
Dispose of in accordance with local, state and federal regulations.

SECTION 14. Transport Information
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not regulated as hazardous by U.S. DOT.

DOT Hazard Label: None
SECTION 15. Regulatory Information
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

No data available.

SECTION 16. Other Information
HORSE HEALTH EQUINE IVERMECTIN PASTE 1.87%

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The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.