



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name Triple Wormer (ANADA No. 141-261)
CAS # Mixture
Product use Dog Dewormer
Distributor Durvet, Inc.
 100 S.E. Magellan Drive
 Blue Springs, MO 64014
 800-821-5570 Phone
 816-224-3080 Fax
 1-800-424-9300

CHEMTREC

| LEGEND HMIS | |
|----------------|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | |
|---------------------|-----|
| Health | * 1 |
| Flammability | 0 |
| Physical Hazard | 0 |
| Personal Protection | B |

2. Hazards Identification

Emergency overview WARNING
 Contains potential mutagens.
 Contact may cause eye and skin irritation.
 Recommended for dogs 12 weeks of age and older.

Potential short term health effects

- Routes of exposure** Eye, Skin contact, Ingestion.
- Eyes** May cause irritation.
- Skin** May cause irritation.
- Inhalation** Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
- Ingestion** May cause stomach distress, nausea or vomiting.

Target organs Eyes. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin. Signs and symptoms of overexposure may be depression/lethargy, vomiting, anorexia, diarrhea, mydriasis, ataxia, staggering, convulsions and hypersalivation.

3. Composition / Information on Ingredients

| Ingredient(s) | CAS # | Percent |
|------------------|------------|---------|
| Praziquantel | 55268-74-1 | 10 - 20 |
| Pyrantel Pamoate | 22204-24-6 | 10 - 20 |

4. First Aid Measures

First aid procedures

- Eye contact** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
- Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion | Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Call a physician or Poison Control Centre immediately. |
| Notes to physician | Symptoms may be delayed. |
| General advice | If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children. |

5. Fire Fighting Measures

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|---------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Flammable properties | Not flammable by OSHA criteria. |
| Extinguishing media | |
| Suitable extinguishing media | Treat for surrounding material. |
| Unsuitable extinguishing media | Not available |
| Protection of firefighters | |
| Specific hazards arising from the chemical | Not available |
| Protective equipment for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| Hazardous combustion products | May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur. |
| Explosion data | |
| Sensitivity to mechanical impact | Not available |
| Sensitivity to static discharge | Not available |

6. Accidental Release Measures

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|--------------------------------|------------------------------------------------------------------------------|
| Personal precautions | Avoid contact with skin and eyes. |
| Methods for containment | Prevent entry into waterways, sewers, basements or confined areas. |
| Methods for cleaning up | Sweep up or gather material and place in appropriate container for disposal. |

7. Handling and Storage

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|-----------------|----------------------------------------------------------------------------------------------|
| Handling | Use good industrial hygiene practices in handling this material. |
| Storage | Keep out of reach of children. Store in a closed container away from incompatible materials. |

8. Exposure Controls / Personal Protection

| | |
|--------------------------------------|------------------------------------------------------------------------------------|
| Exposure limits | |
| Ingredient(s) | Exposure Limits |
| Praziquantel | ACGIH-TLV Not established OSHA-PEL Not established |
| Pyrantel Pamoate | ACGIH-TLV Not established OSHA-PEL Not established |
| Engineering controls | General ventilation normally adequate. |
| Personal protective equipment | |
| Eye / face protection | Wear safety glasses with side shields. |
| Hand protection | Rubber gloves. Confirm with a reputable supplier first. |
| Skin and body protection | As required by employer code. |
| Respiratory protection | Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. |

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

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|-------------------------------------------------------|----------------|
| Appearance | Tablet |
| Color | Not available |
| Form | Solid. |
| Odor | Not available |
| Odor threshold | Not available |
| Physical state | Solid |
| pH | Not available |
| Freezing point | Not available |
| Boiling point | Not available |
| Flash point | Not available |
| Evaporation rate | Not available |
| Flammability limits in air, lower, % by volume | Not applicable |
| Flammability limits in air, upper, % by volume | Not applicable |
| Vapor pressure | Not available |
| Vapor density | Not available |
| Specific gravity | Not available |
| Octanol/water coefficient | Not available |
| Solubility (H₂O) | Complete |
| Auto-ignition temperature | Not available |

10. Chemical Stability & Reactivity Information

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|-------------------------------------------|----------------------------------------------------------------------------------------------|
| Chemical stability | Stable under recommended storage conditions. |
| Conditions to avoid | Do not mix with other chemicals. |
| Incompatible materials | Acids. Oxidizers. |
| Hazardous decomposition products | May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |

11. Toxicological Information

Component analysis - LC50

| Ingredient(s) | LC50 |
|----------------------|---------------|
| Praziquantel | Not available |
| Pyrantel Pamoate | Not available |

Component analysis - Oral LD50

| Ingredient(s) | LD50 |
|----------------------|--------------------------------------------------------------------|
| Praziquantel | 2840 mg/kg rat; 2454 mg/kg mouse; 1050 mg/kg rabbit; 200 mg/kg dog |
| Pyrantel Pamoate | 2000 mg/kg rat; 2000 mg/kg mouse |

Effects of acute exposure

| | |
|------------------------|----------------------------------------------------------------------------------------|
| Eye | May cause irritation. |
| Skin | May cause irritation. |
| Inhalation | Dusts of this product may cause irritation of the nose, throat, and respiratory tract. |
| Ingestion | May cause stomach distress, nausea or vomiting. |
| Sensitization | Non-hazardous by OSHA criteria. |
| Chronic effects | Non-hazardous by OSHA criteria. |
| Carcinogenicity | Non-hazardous by OSHA criteria. |

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|-----------------------------|---------------------------------|
| Mutagenicity | Contains potential mutagens. |
| Reproductive effects | Non-hazardous by OSHA criteria. |
| Teratogenicity | Non-hazardous by OSHA criteria. |

12. Ecological Information

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|----------------------------------------|---------------|
| Ecotoxicity | Not available |
| Environmental effects | Not available |
| Aquatic toxicity | Not available |
| Persistence / degradability | Not available |
| Bioaccumulation / accumulation | Not available |
| Partition coefficient | Not available |
| Mobility in environmental media | Not available |
| Chemical fate information | Not available |

13. Disposal Considerations

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|----------------------------------------------|----------------------------------------------------------------------------------|
| Waste codes | Not available |
| Disposal instructions | Review federal, provincial, and local government requirements prior to disposal. |
| Waste from residues / unused products | Not available |
| Contaminated packaging | Not available |

14. Transport Information

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

15. Regulatory Information

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|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US Federal regulations | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not applicable. |
| Occupational Safety and Health Administration (OSHA) | |
| 29 CFR 1910.1200 hazardous chemical | Yes |
| CERCLA (Superfund) reportable quantity | None |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| Hazard categories | Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No |
| Section 302 extremely hazardous substance | No |
| Section 311 hazardous chemical | Yes |
| Clean Air Act (CAA) | Not available |
| Clean Water Act (CWA) | Not available |
| Safe Drinking Water Act (SDWA) | Not available |
| Drug Enforcement Agency (DEA) | Not available |
| Food and Drug Administration (FDA) | Not available |
| State regulations | This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. |

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|-----------------------------------------------|-------------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Date**June 18, 2009**