



## MATERIAL SAFETY DATA SHEET

Product Id: ProMeris™ for dogs

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: RM1000063

Product Name: ProMeris™ for dogs

Recommended Use: For the control of fleas and ticks on dogs

Supplier: Fort Dodge Animal Health  
9225 Indian Creek Parkway  
PO Box 25945  
Overland Park, KS 66225

General Telephone Number: 913-424-9300

Emergency Response Telephone Number (Chemtrec): U.S. toll-free: 800-424-9300  
Outside U.S.: 703-527-3887

Product Information Telephone Number: 888-776-6374

Prepared By: Environmental, Health + Safety

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Weight %	ACGIH TWA:	CAS-No.	Wyeth OEG:	Units for TWAs, STELs, ACGIH, OSHA:
Proprietary Solvents and spreading agents	60-80		proprietary		mg/m3
Metaflumizone 139968-49-3	15	None	139968-49-3	850	ug/m3
Amitraz 33089-61-1	15	None	33089-61-1	10	ug/m3

### 3. HAZARDS IDENTIFICATION

Potential Health Effects:

Adverse health effects are considered unlikely when this product is used as directed on the product label or package insert. May be harmful if swallowed.

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Overexposure to the product may cause central nervous system effects, dizziness, nausea, difficulty breathing and gastrointestinal distress.

- Inhalation:** Inhalation exposure is unlikely when product is used as directed in a well-ventilated space.
- Skin Contact:** Product is not considered to be irritating to skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
- Ingestion:** Harmful if swallowed. Ingestion may cause gastrointestinal discomfort and diarrhea if swallowed. Ingestion of larger amounts may affect the central nervous system (e.g., dizziness, headache). Provide physician with MSDS, package insert and product container.
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- Eye Contact:** Product is not considered to be irritating to eyes.

#### 4. FIRST AID MEASURES

- Eye Contact:** If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
- Skin Contact:** This product is not known to be harmful in contact with the skin, and is non-irritating. In the event of skin contact, wash the area thoroughly with soap and water. Consult a medical professional if the person feels unwell.
- Inhalation:** This is unlikely if product is used as directed. Consult a medical professional if person feels unwell.
- Ingestion:** Do not induce vomiting; contains organic solvents. Get medical attention immediately. Show container label to health care provider.
- Aggravated Conditions:** None known.
- Notes to Physician:** Direct treatment at control of symptoms. Note that individual container size is 0.023 to 0.225 Fl. Oz. (0.67 to 6.66 mL). Ingestion of large quantities of the product is considered unlikely.

#### 5. FIRE FIGHTING MEASURES

- Extinguishing Media and Fire Fighting Instructions:** Use water spray, alcohol foam, carbon dioxide or dry chemical to extinguish fires.
- Special Hazards:** Avoid contact of spilled material and runoff with soil and surface waterways. In certain fire conditions, traces of other toxic gases may be emitted.
- Personal Protective Equipment:** Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

- Methods For Cleaning Up:** Put on appropriate personal protective equipment (See Section 8). Absorb with an inert material and place in an appropriate waste disposal container. (See Section 12 for environmental risks and 13 for disposal information.)

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- Personal Precautions:** Put on appropriate personal protective equipment (see Section 8).
- Environmental Precautions:** Prevent product from entering drains. Do not contaminate surface water.

**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 hands following use and prior to eating, drinking, or smoking.

**Storage**

**Technical Measures/Storage Conditions:** Keep out of reach of children. Keep away from heat. Keep in a dry, cool (not more than 25 deg. C) and well-ventilated place.

**Incompatible Products:** No special restrictions on storage with other products

**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.

**Personal Protective Equipment**

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Hand Protection:** Gloves are not normally needed when applying product according to label directions. If handling large quantities of this product, wear impervious nitrile gloves.

**Skin and Body Protection:** Special protective clothing is not required when using this product according to label directions.

**Eye Protection:** Avoid contact with eyes. If splashes are likely to occur, wear safety glasses with side-shields.

**Hygiene Measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Color:** Yellow to amber  
**Odor:** pleasant menthol-like  
**pH:** 6.8 (1% suspension)  
**Boiling Point/Range:** not determined  
**Melting Point/Range:** Not applicable  
**Density:** 1.046 @ 25 deg. C

**Vapor Density:** not determined

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Physical State: Liquid  
 Vapor Pressure: 0.167 Kpa (calculated)  
 Viscosity: 8.03 centistokes at 20 degree C  
 Partition Coefficient: Not applicable  
 Solubility: immiscible with water  
 Solubility in Other Solvents: Readily soluble in organic solvents.

Flash Point: 57.7 degrees C (136 degrees F)  
 Explosion limits  
 - upper no data available  
 - lower no data available

Autoignition Temperature: 289 degrees C  
 Decomposition Temperature: Not applicable  
 Dust Explosivity: Not applicable.

## 10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.  
 Conditions to Avoid: Heat, flames and sparks.  
 Materials to Avoid: Incompatible with strong acids and oxidising agents.  
 Polymerization: None known  
 Hazardous Decomposition Products: nitrogen oxides (NO, NO<sub>2</sub>) carbon oxides (CO, CO<sub>2</sub>) Thermal decomposition can lead to release of irritating gases and vapours.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:  
 LD<sub>50</sub>/oral/rat = >2000 mg/kg  
 LD<sub>50</sub>/dermal/rabbit = >5000 mg/kg  
 LC<sub>50</sub>/inhalation/rat = >2.03 mg/L  
 Principle Routes of Exposure: Skin, mucous membranes, respiratory system, Gastrointestinal tract.  
 Eye Irritation: Not irritating.  
 Skin Irritation: Not irritating.  
 Sensitization: Potential skin sensitizer.  
 Principal Routes of Exposure: Skin, mucous membranes, respiratory system, gastrointestinal tract.  
 Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may cause irritation to mucous membranes. Ingestion of larger amounts may affect the central nervous system (e.g. dizziness, headache).  
 Inhalation: Not considered to be toxic.

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**Specific Effects:** Adverse health effects are considered unlikely when the product is administered according to the label directions. Prolonged or frequently repeated skin contact may provoke the following conditions in some people: rash, inflammation. Due to small applicator size, 0.023 to 0.225 Fl. Oz. (0.67 to 6.66 mL), overexposure to the product is considered unlikely. Overexposure may cause central nervous system effects, such as dizziness, headache, and nausea.

**Chronic Toxicity:**

**Target Organs** Skin, Central Nervous System (CNS).

**Carcinogenic Effects:** No data is available on the product itself.

**Mutagenic Effects:** No data is available on the product itself.

**Teratogenic Effects:** No data is available on the product itself.

**Reproductive Toxicity:** No data is available on the product itself.

**Aggravated Conditions:** None known.

**12. ECOLOGICAL INFORMATION**

**Environmental Fate:** Amitraz rapidly degrades in soil in the presence of oxygen (half-life in soil <1 day).

**Environmental Hazards:** Toxic to aquatic life. Keep out of waterways. (amitraz)

**Ecotoxicity Effects:** Slightly toxic to avian species.

**Aquatic Toxicity:**  
 LC50/48hr/rainbow trout = 2.7-4.0 mg/L  
 LC50/96h/bluegill sunfish = 1.3 mg/L  
 LC50/96h/harlequin fish = 3.2-4.2 mg/L  
 NOAEL water daphnia <35 ppb  
 (data for amitraz)

**Mobility:** The product is insoluble and floats on water.

**Bioaccumulation:** Does not bioaccumulate (amitraz)

**Environmental Precautions:** Prevent product from entering drains. Do not contaminate surface water.

**13. DISPOSAL CONSIDERATIONS**

**Waste/Unused Products:** Avoid disposal, make attempts to use product completely in accordance with intended use. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Contaminated Packaging:** Dispose of empty containers in accordance with local regulations.

**14. TRANSPORT INFORMATION**

DOT (Road/Rail Transport)

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UN/ID Number: UN1993  
 Proper Shipping Name: Flammable liquid, n.o.s. (contains eucalyptol)  
 Hazard Class: Class 3  
 Packing Group: III  
 DOT Reportable Quantity (lbs): NA  
 Marine Pollutant: No  
 Note: Can be shipped under the Limited Quantity and Consumer Commodity exceptions and combustible liquid exemption (49 CFR 173.150).

**ICAO/IATA (Air Transport):**

UN/ID Number: UN1993  
 Proper Shipping Name: Flammable liquid, n.o.s. (contains eucalyptol)  
 Hazard Class: Class 3  
 Packing Group: III  
 Note: Can be shipped under the Limited Quantity exception. May also be shipped as Consumer Commodity, ID8000, Class 9 if desired.

**IMO/IMDG (Maritime Transport):**

UN/ID Number: UN1993  
 Proper Shipping Name: Flammable liquid, n.o.s. (contains eucalyptol, Amitraz 15%, Metaflumizone 15%)  
 Marine pollutant  
 Hazard Class: Class 3  
 Packing Group: III  
 Marine Pollutant: Yes  
 Note: When this product is shipped under the Limited Quantity exception, it does not require either the Marine Pollutant label (inverted triangle with fish with X across it and words Marine Pollutant at bottom) or the Flammable Liquid label (red diamond with white flame on top and the number 3 at bottom).  
 Reference: IMDG Code, Chapter 3.4, Section 3.4.5. Marking and labeling

**15. REGULATORY INFORMATION**

Signal Word (EPA): CAUTION  
 KEEP OUT OF REACH OF CHILDREN

Other Regulations: This product to be used only by, or on the order of, a licensed veterinary practitioner.

**16. OTHER INFORMATION**

Additional Advice: Use this product only in accordance with the directions provided on the product label or the package insert. This product to be used only by, or on the order of, a licensed veterinary practitioner.

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 \*\*\*

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