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## MATERIAL SAFETY DATA SHEET

**Product:** Sergeant's PreTect Squeeze-On Flea & Tick Control for Dogs

**Code:** 70072

**U.P.C. #:** 0 73091 70072 2

**Size:** For Dogs 15 kg to 30 kg

**P.C.P. Act Registration No:** 26714

**Chemical Family:** Permethrin / Pyriproxyfen

**Chemical Name:** Cyclopropanecarboxylic Acid / Nylar

### SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENT	CONTENT	CAS-NUMBER	EXPOSURE LIMITS
Permethrin	45%	52645-53-1	Not Available
Pyriproxyfen	5%	95737-68-1	Not Available

### SECTION 3 – PHYSICAL PROPERTIES

**Physical Form:** Liquid

**Appearance:** Amber Solution

**Color:** Amber

**Odor:** Citrus

**PH:** Not Applicable

**Boiling Point:** Not Applicable

**Melting/Freezing Point:** Not Applicable

**Solubility in Water:** Negligible

**Specific Gravity:** 1.004

**Bulk Density:** Not Applicable

**% Volatile By Volume:** Not Applicable

**Evaporation Rate:** Not Applicable

**Vapor Pressure:** Not Applicable

**Vapor Density:** Not Applicable

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## SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** >132°F

**Flammable Limits:** Non-Flammable

**Upper Explosive Limit (UEL) (%):** Not Applicable

**Lower Explosive Limit (LEL) (%):** Not Applicable

**Auto-Ignition Temperature:** Not Applicable

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam or Halogenated Agents

**Special Fire Fighting Procedures:** Do not use water. Handle as an oil fire. Full protective equipment including self contained breathing apparatus (MSHA/NIOSH approved or equivalent) should be worn in a fire involving this material.

**Unusual Fire/Explosion Hazards:** Overheated containers are an explosion hazard.

## SECTION 5 - HUMAN HEALTH DATA

**Route of Entry:** Acute Oral LD50=2,614 mg/kg (Male Rats) / Acute Oral LD50=1,660 mg/kg (Female Rats) / Inhalation LC50 >>2.87 mg/liter / Acute Dermal LD50>5050 mg/kg (Rabbits)

**Humans Effects and Symptoms of Overexposure:** May produce skin sensations in certain individuals. Moderate eye irritant.

**Acute Effects of Exposure:** If ingested, product may cause diarrhea, salivation, bloody nose, increased urination, decreased activity, tremors and intermittent convulsions. Coughing, headache, dizziness, nausea, as well as nose, throat and respiratory tract irritation.

**Chronic Effects of Exposure:** Not Noted

**Carcinogenicity:** None of the components in this product are known to be carcinogenic.

**Medical Conditions:** Harmful if swallowed or absorbed through the skin

**Aggravated by Exposure:** Generally

## SECTIONS 6 - EMERGENCY AND FIRST AID PROCEDURES:

**First Aid for Eyes:** Immediately flush with flowing water for at least 15 minutes. If irritation persists, get medical attention.

**First Aid for Skin:** Wash immediately with soap and water. Remove contaminated clothing. If irritation occurs, get medical attention.

**First Aid for Inhalation:** Remove to fresh air and get medical attention. If not breathing start artificial respiration. Get medical attention if any other symptoms develop.

**First Aid for Ingestion:** Induce vomiting; Call a Poison Control Centre, hospital or a physician immediately. Never induce vomiting or give anything by mouth to an unconscious person

**Note to Physician:** Not Noted

## SECTION 7 - EMPLOYEE PROTECTION RECOMMENDATIONS:

**Eye Protection Requirements:** Safety Glasses as minimum

**Skin Protection Requirements:** Wear Neoprene gloves

**Respirator Requirements:** If excessive exposure is anticipated users and handlers should wear a MSHA/NIOSH approved organic vapor/pesticide respirator

**Additional Protective Measures:** Wash hands thoroughly after handling product.

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### **SECTION 8 - REACTIVITY DATA:**

**Stability:** This is a stable material

**Hazardous Polymerization:** Will not occur

**Incompatibilities:** Strong oxidizers and strong acid

**Instability Conditions:** Keep away from heat, sparks, open flame and sources of ignition

**Decomposition Products:** Carbon monoxide and or carbon dioxide.

### **SECTION 9 - SPILL AND LEAK PROCEDURES:**

**Spill Or Leak Procedures:** Absorb with inert absorbent. Wash contaminated area with detergent and water solution. Wear protective clothing, rubber gloves and goggles. Eliminate any source of ignition. Keep product out of sewers and water courses by diking or impounding.

**Waste Disposal Method:** Do not reuse container. Small amounts or empty container should be wrapped in newspaper before being put in the trash. For large quantities, product should be disposed of in accordance with provincial requirements. For additional information on the disposal of unused, unwanted product and the clean up of spills, contact the Regional Office of Conservation and protection, Environment Canada.

### **SECTION 10 - SPECIAL PRECAUTIONS & STORAGE DATA:**

**Storage Temperature:** Min: Keep from freezing Max: Not Noted

**Shelf Life:** Not Noted

**Special Sensitivity:** Keep away for heat, sparks and open flames. Keep from freezing.

**Handling/Storage Precautions:** Store in cool, dry, ventilated area. Keep out of reach of children and pets.

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