



Sure-Gro Inc.  
P.O. Box 21001, Brantford, ON, N3R 7W9  
TEL (519) 754-2900 FAX (519) 754-2901



## MATERIAL SAFETY DATA SHEET

PRODUCT: AMBUSH® Tree & Garden Insect Killer

CODE: 7 30075 0  
7 30076 0

### SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 23069

Chemical Name: 3-Phenoxybenzyl(+)Cis, Trans-3-(2,2-Dichlorovinyl)-2,2-Dimethylcyclopropane Carboxylate.

Synonyms: Permethrin.

Chemical Family: Pyrethroid.

Product Use: Domestic Insecticide.

TDG Classification: Not Regulated.

### SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
Permethrin	12.5	52645-53-1	806 (Rat, Oral) >2000 (Rabbit, Dermal)	
Calculated LD <sub>50</sub> for mixture			64,480	

### SECTION 3 - PHYSICAL DATA

Physical State: Liquid  
Specific Gravity: 1.01  
Boiling Point: No Data  
% Volatiles: No Data  
Solubility in Water: Soluble

Appearance/Odour: Milky white, Herbal odor  
pH: 7.0  
Freezing/Melting Point: 0 °C  
Vapour Density: No Data  
Evaporation Rate: No Data

### SECTION 4 - FIRE AND EXPLOSION

Flash Point: No Data  
Lower Explosion Limit %: No Data

Autoignition Temperature: No Data  
Upper Explosion Limit %: No Data

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical or Water Fog.

Fire Fighting Procedures: Wear self contained breathing apparatus and impervious clothing. Minimize the amount of water used and dike the area for runoff.

Other Fire or Explosion Hazards: None Known

### SECTION 5 - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Prolonged exposure to elevated temperatures may result in decomposition.

Incompatibility (Materials to Avoid): Acids, bases, and strong oxidizing agents.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, and Hydrogen chloride.

# AMBUSH® Tree & Garden Insect Killer

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** This product is moderately irritating to the eyes and skin. May cause nausea, vomiting, abdominal pain and diarrhea. Large doses may cause tremors, incoordination, weakness, convulsions, coma and respiratory failure.

**Effects of Chronic Exposure:** None Known.

## SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and restore breathing, if required. Obtain medical advice if symptoms persist.

**Skin Contact:** Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

**Ingestion:** Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Do not induce vomiting. If spontaneous vomiting should occur have victim lean forward with head down to avoid breathing vomitus. **OBTAIN MEDICAL ADVICE** Do not induce vomiting or give anything by mouth to an unconscious person..

**Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek medical attention.

## SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** None required for normal use.

**Eye Protection:** Safety goggles optional.

**Skin Protection:** Chemical resistant gloves

**Other Personal Protective Equipment:** Coveralls.

**Engineering Controls:** Local exhaust or ventilation.

**Storage Requirements:** Store in a cool, dry, well ventilated area. Keep out of reach of children and pets.

**Storage Temperature:** Min: 5 °C Max: 40 °C

## SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste containers for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

**Waste Disposal:** Dispose of empty packaging in garbage. Dispose of waste material in accordance with local, provincial, or federal government regulations.

**Environmental Effects:** This product is toxic to fish and wildlife, do not contaminate local water supplies or environments.

The information contained herein is considered accurate and offered only as a guide to the handling of this specific material. This information, does not relate to its use with any other material or product or in any process. No warranty, expressed or implied is made regarding the accuracy of the data or the performance of the material by Sure-Gro Inc. This Material Safety Data Sheet is valid for three years from Issue Date.

**Prepared by:** Technical Department

**Issue Date:** December 1, 2007