



# SAFETY DATA SHEET

## ECOPEST TOTAL INSECT KILLER

Creation Date: February 14, 2019  
Revision Date: September 21, 2020

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### SECTION 1: IDENTIFICATION

**Product Name:** Ecopest Total Insect Killer

**Supplier:** Ecopest Inc.  
8605 Coronet Road NW  
Edmonton, AB  
T6E 4P2

**Product use:** Insecticide  
**PMRA Registration Number:** 34007  
**Restriction on use:** Per Label  
**Additional Product Information:** 1-866-269-2847 or 780-448-2661

**In the event of an emergency involving Dangerous Goods, call CANUTEC at  
1-888-CAN-UTEC (226-8832); 613-996-6666 or \*666 on a cell phone**

### SECTION 2: HAZARDS IDENTIFICATION

**NOTE:** This product is registered under the *Pest Control Product Act* and is exempt from the requirements of WHMIS

**Hazard Statements:** Not Applicable  
**Signal Word:** No Signal Word required  
**Precautionary Statements:**  
**Prevention**  
Keep out of reach of children  
Read label before using  
Wash thoroughly after handling  
**Response**  
No response statements  
**Storage**  
Do not place in hot water, near radiator, stoves or other sources of heat  
Do not use in areas where food is being prepared or stored  
**Disposal**  
Do not puncture or incinerate. Discard in household garbage

**Physical Hazards Not Otherwise Classified:** None known

**Health Hazards Not Otherwise Classified:** None known

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	% (w/w)
Permethrin	52645-53-1	0.35
Sodium Benzoate	532-32-1	0.1

**Common Name:** None

**Synonyms:** None



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### **SECTION 4: FIRST-AID MEASURES**

- Inhalation:** If inhaled move person to fresh air. Call a Poison Control Center or Doctor for further advice. If person is not breathing call 911 or an ambulance, then give artificial respiration
- Skin contact:** If on skin remove contaminated clothing immediately. Flush skin with running water for a minimum of 20 minutes. If irritation persists obtain medical attention
- Eye contact:** If in eyes rinse slowly and gently with water for 15-20 minutes, remove contact lens, if present, after first 5 minutes, then continue rinsing. Hold eyelids open during flushing. If irritation persists obtain medical attention
- Ingestion:** If swallowed call a Poison Control Center or Doctor for further advice. Do not induce vomiting unless told to do so by a Poison Control Center or Doctor. Have person sip a glass of water if able to do so. Do not give anything to an unconscious person.

#### **Most Important Symptoms and Effects, Acute and Delayed:**

- If inhaled:** May cause slight respiratory tract irritation
- If on skin:** May cause mild skin irritation
- If in eyes:** May cause eye irritation
- If swallowed:** May cause mouth, throat and gastrointestinal irritation.

#### **Indication of any immediate medical attention and special treatment needed:**

Product contains a pyrethroid. If ingested, oral administration of large amounts of activated charcoal is recommended  
If medical advice is required, have product container or label at hand

### **SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing media:** For large fires, apply aqueous film forming foam or water in the form of a fog. For small fires, use carbon dioxide or dry chemical

**Unsuitable Extinguishing media:** None known

**Specific Hazards arising from the substance or mixture:** Contain fire-fighting water for disposal if contaminated with product.

**Special Protective Equipment and Precautions for Fire-fighters:** Wear self-contained breathing apparatus and impervious clothing. Minimize the amount of water used and contain the run-off from entering water supplies or the environment by dyking

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear personal protective equipment as described in Section 8

**Environmental Precautions:** Do not allow product to enter sewers, ground water or any water course. Inform applicable government authority if release is reportable or could adversely affect the environment

**Methods and Materials for Containment and Cleaning Up:** Wash hard surfaces with heavy duty detergent. Absorb spilled material and wash water with suitable liquid binding material and place in suitable containers for disposal. Dispose of contaminated material as waste according to Section 13

### **SECTION 7: HANDLING AND STORAGE**

**Precaution for Safe Handling:** Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment. Wash thoroughly after use. If clothing becomes contaminated, wash thoroughly before re-use

**Conditions for Safe Storage:** Store in a cool, well-ventilated area away from heat, sparks and flame. Keep out of reach of children and pets

**Storage Temperature:** Do not allow product to freeze

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ingredients with Workplace Control Parameters:**

Ingredients	CAS Number	Value/Form of Exposure	Permissible Concentration
Sodium Benzoate	532-32-1	ACGIH TLY	10 mg/m <sup>3</sup>

**Appropriate Engineering Controls:** Provide local exhaust and/or adequate ventilation

**Individual Protection Measures:**

- Eye protection:** Use chemical safety goggles when there is a potential for eye contact
- Skin protection:** Chemical-resistant gloves and protective clothing that is impervious under conditions of use
- Respiratory protection:** Use NIOSH/MSHA approved respirator



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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky white liquid
Odour:	Lemon odour
Odour Threshold:	Not determined
pH:	6.0 to 7.0
Melting point/Freezing Point:	> 0 °C
Initial Boiling Point/Range:	> 100 °C
Flash Point:	Not applicable
Container Pressure:	Not Applicable
Evaporation rate (ether=1):	> 1
Flammability (Solid or gas):	Not applicable
Lower flammability or explosive limit:	No data
Upper flammability or explosive limit:	No data
Vapour pressure (mm Hg at 20°C):	No data
Vapour density (air=1):	No data
Specific gravity:	0.98 – 1.02
Solubility (water):	Miscible
Solubility (other):	No data
Partition coefficient (n-octanol/water):	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	Not determined

### SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not reactive. Not sensitive to mechanical impact
Chemical stability:	Stable under normal conditions
Possibility of hazardous reactions:	None expected
Conditions to avoid:	Excessive heat and ignition sources
Incompatible materials:	Strong oxidizing agents and strong bases.
Hazardous decomposition products:	May produce toxic fumes of carbon oxides

### SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, skin and inhalation

#### Acute Toxicity of product:

Oral LD<sub>50</sub> (rat) = > 5000 mg/Kg  
Dermal LD<sub>50</sub> (rabbit) = > 5000 mg/Kg  
Inhalation LC<sub>50</sub> (rat) = No data available

#### Delayed and Immediate Effects:

**Inhalation:** Inhalation of mists may cause slight respiratory tract irritation  
**Skin contact:** May cause mild skin irritation  
**Eye contact:** Direct contact may cause slight eye irritation  
**Ingestion:** Ingestion of small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Respiratory or skin sensitization:	May cause allergic skin reaction
Aspiration Hazard:	None known
Chronic Effects:	None known
Carcinogenicity:	The ingredients in this product are not classified as carcinogenic by the ACGIH, IARC, OSHA and NTP
Mutagenicity:	No data
Reproductive effects:	No data
Other information:	None known

### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Product is extremely toxic to fish and aquatic invertebrates. LC50 for fish is 5 ug/L to 315 ug/L and aquatic Arthropods LC50 from 0.02 ug/L to 7.6 ug/L Permethrin is slightly toxic to birds with oral LC50 values greater than 3600 mg/Kg
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	No data available



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### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Container Disposal:** Non-refillable container. Do not puncture or incinerate. Discard container in household garbage

**Waste Disposal:** Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste product with normal garbage or to sewer systems.

### **SECTION 14: TRANSPORT INFORMATION**

**Canadian TDG classification:** Not Regulated

**Transportation Emergency Telephone Number:** 1-888-CAN-UTEC

**Special Precautions:** None known

**Marine Pollutant:** Potential marine pollutant

### **SECTION 15: REGULATORY INFORMATION**

**WHMIS Classification:** This product is registered under the *Pest Control Product Act* and is exempt from the requirements of WHMIS

**Domestic Substance List (DSL):** All ingredients are listed on the DSL

**CEPA – National Pollutant Release Inventory:** Not listed on the NPRI

### **SECTION 16: OTHER INFORMATION**

#### **Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstracts Services  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
IMDG: International Maritime Code for Dangerous Goods  
IARC: International Agency for Research on Cancer  
LD50: Lethal dose that kills 50% of the test sample  
LC50: Lethal concentration required to kill 50% of the population  
NPRI: National Pollutant Release Inventory  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PMRA: Pest Management Regulatory Agency  
STOT: Specific Target Organ Toxicity  
TLV: Threshold Limit Value  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Information System

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**SDS Prepared By:** Dodsworth Consulting