



MATERIAL SAFETY DATA SHEET

PRODUCT: AntOut RTU

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 27901
Chemical Name: Permethrin
Synonyms: None
Chemical Family:
Product Use: Domestic Insecticide
TDG Classification: Not Regulated

Code: 7 30378 0

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Permethrin	0.25	52645-53-1	Oral, male rat 1790 Oral, female rat 1290 Dermal, combined rat 1490	-
Calculated LD50 for mixture			27,000	

SECTION 3 - PHYSICAL DATA

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

Appearance/Odour:
pH:
Freezing/Melting Point: No Data
Vapour Density: No Data
Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable
Lower Explosion Limit %: Not Applicable
Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog
Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off.
Other Fire or Explosion Hazards: None Known

Autoignition Temperature: Not Applicable
Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Temperatures above 40 C
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition Products: No Data

Hazardous Polymerization: Will Not Occur

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause temporary irritation to eyes, nose, throat, and respiratory tract.

Effects of Chronic Exposure: Prolonged exposure may cause skin irritation.

Other Comments: Permethrin is not considered to be teratogenic or mutagenic based on rat studies. A statistically significant increase in the incidence of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/Kg/day of permethrin over 85 weeks.

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. Induce vomiting by using a finger or blunt object down the back of the throat. Syrup of IPECAC can also be used to induce vomiting. Have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Do not induce vomiting or give anything by mouth to an unconscious person. OBTAIN MEDICAL ADVICE.

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: Not required under normal usage. NIOSH/MSHA approved respirator, if required.

Eye Protection: Safety goggles.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls.

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, 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: Eliminate all ignition sources. Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste container 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 container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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