

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Onguard Professional P-1D-RTU**

PRODUCT USE: Insect Spray

SUPPLIER: Ur-Can Inc.

4305 Fairview Street, Suite 218
Burlington, ON
L7L 6E8

Telephone: 800-760-1835

Fax: 905-631-3318

Emergency Phone Number: 800-760-1835

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: May be fatal if swallowed. Harmful if inhaled or absorbed through the skin.

Route of Entry: Eye, Skin contact, Ingestion and Inhalation.

Eye Contact: May cause temporary irritation, tearing and blurred vision.

Skin Contact: May be irritating to skin. Can cause a burning or prickling sensation on more sensitive areas (face, eyes and mouth)

Ingestion: May be fatal if swallowed.

Inhalation: Harmful if inhaled.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Propoxur
Approximate Concentration %	1.0
CAS #	114-26-1
Ingredient	Aliphatic hydrocarbons
Approximate Concentration %	60-100
CAS #	8052-41-3
Ingredient	Isopropyl alcohol
Approximate Concentration %	10-20
CAS #	67-63-0
Ingredient	Agsolex 1
Approximate Concentration %	1-10
CAS #	872-50-4

Comments: Ingredients not identified are non-hazardous.

SECTION 4 FIRST AID MEASURES

Eye Contact: IMMEDIATELY rinse eyes with running water, slowly and gently for at least 15-20 minutes, keeping eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

Inhalation: Allow the victim to rest in a well-ventilated area. If person is not breathing, give artificial respiration and call 911. If symptoms persist, seek medical attention.

Note to Physician: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to point of tolerance. This product contains an N-methyl carbamate that inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Flammability: Flammable

Means of Extinction: Use extinguishing media suitable for surrounding materials.

Special Procedures: Not available.

Flashpoint (°C) and Method: 12°C Closed Cup for Isopropyl Alcohol

Upper Explosion Limit (% by volume): 2 for Isopropyl Alcohol

Lower Explosion Limit (% by volume): 12.7 for Isopropyl Alcohol

Auto-Ignition Temperature (°C): Not applicable

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide and nitrogen oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SPILL: Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapours. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

SECTION 7 HANDLING AND STORAGE

Handling: Take prudent precautions to avoid contact with skin, eyes, and clothing. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Read and observe all precautions and instructions on the label.

Storage: Store in a cool, dry place. Keep container closed. Emptied containers may retain product residues. **KEEP OUT OF REACH OF CHILDREN**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: No special requirements.

Personal Protective Equipment

Eye Protection: Safety Glasses.

Hand Protection: Rubber Gloves.

Skin and Body Protection: Not normally required.

Respiratory Protection: Not normally required. If ventilation is inadequate to control airborne vapour concentrations, respiratory protection may be necessary.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: **XXX** Liquid

Odour: **XXX** odour.

Specific Gravity: 1.0-1.1 g/mL

Vapour Pressure (mm): Not determined

Vapour Density (air =1): Not determined

Boiling Point (°C): Not determined

Freezing Point (°C): Not determined

Solubility in Water (@20°C): Insoluble

% VOLATILE (BY VOL.): Not determined

pH: Not determined

SECTION 10 STABILITY AND REACTIVITY

Stability: This product is stable.

Incompatible Products: Avoid strong oxidizing agents, strong alkalis and strong acids.

Hazardous Decomposition Products: Not determined.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Specific to the active ingredient--PROPOXUR

Acute oral toxicity: LD50 >8400 mg/kg (rats)

Acute Dermal Toxicity: >8400 mg/kg (rats)

Eye Contact: May cause temporary irritation, tearing and blurred vision.

Skin Contact: May be irritating to skin. Can cause a burning or prickling sensation on more sensitive areas (face, eyes and mouth).

Inhalation: Harmful if inhaled.

Ingestion: May be fatal if swallowed.

CHRONIC EXPOSURE:

Chronic Toxicity: No data available.

Carcinogenicity: ACGIH A3 (Propoxur): Confirmed animal carcinogen with unknown relevance to humans

Mutagenicity: No data available to indicate product poses a mutagenic or genotoxic hazard.

Reproductive Toxicity: No data available.

Teratogenicity: No data available.

SECTION 12 ECOLOGICAL INFORMATION

Environmental Information: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters. Do not discharge effluent containing this product into sewer systems.

Ecotoxicity: Propoxur – Technical concentration

Acute Toxicity: LC50 3.7 ppm (trout)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal: Consult your local, regional or federal authorities.

SECTION 14 TRANSPORT INFORMATION

T.D.G./D.O.T. Classification: Not regulated as dangerous goods.

IATA/ICAO (Air): Not regulated as dangerous goods.

IMDG (Marine Transport): Not regulated as dangerous goods.

ADR/RID (Land Transport): Not regulated as dangerous goods.

SECTION 15 REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

SECTION 16 OTHER INFORMATION

Latest Revision Date: January 10, 2014.

Expiry Date: January 9, 2017.

Prepared by: Dean Stanbridge

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