

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Pyrecan Insecticide Ready to Use
 Product code : 677023593133

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Insecticide

1.3. Details of the supplier of the safety data sheet

Bonide Products, LLC
 6301 Sutliff Road
 Oriskany, NY 13424
 Telephone Number: (315) 736-8231
 Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.
 Website: www.bonide.com
 Email address: sales@bonide.com

1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101
 Spills : CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flammable liquids 3	H226
Acute toxicity, oral 5	H303
Skin corrosion/irritation 3	H316
Eye damage/irritation 2B	H320
Acute toxicity, inhalation 5	H333

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapor
 H303 - May be harmful if swallowed
 H316 - Causes mild skin irritation
 H320 - Causes eye irritation
 H333 - May be harmful if inhaled

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P264 - Wash thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P317 - IF SWALLOWED: Get medical help.
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P317 - IF INHALED: Get medical help.
 P305 + P351 + P338 - IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 P332 + P337 + P317 - If skin irritation occurs and/or eye irritation persists : Get medical help.
 P370+P378 - In case of fire: Use Water fog, foam for extinction.
 P403+P235 - Store in a well-ventilated place. Keep cool.
 P501 - Dispose of contents/container to in accordance with local/regional/national regulations.

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SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier (CAS No)	%
Canola Oil	120962-03-0	1.00
Pyrethrins	8003-34-7	0.01
Isopropanol	67-63-0	2.95

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the person to rest.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs seek medical attention. Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapor.
Explosion hazard : May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Keep away from ignition sources.
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Avoid breathing spray/mist/vapors.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from children. Keep in fireproof place. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Caustic agents

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Pyrethrins (8003-34-7)

USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
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8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: White to yellow opaque
Odor	: Faint oil odor
pH	: 5.5 ± 1.00
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Boiling point	: No data available
Flash point	: 52 °C (125.6 °F)
Decomposition temperature	: No data available
Flammability	: Product is combustible
Danger of Explosion	: Product does not present an explosion hazard
Vapor density	: Not applicable
Vapor pressure	: Not applicable
Evaporation Rate	: Not applicable
Density at 20 °C (68°F)	: 0.99 ± 0.01g/mL
Water Solubility	: Emulsifiable
Partition coefficient (n-octanol/water)	: Not determined
Viscosity	: 3 ± 2 cPs (Brookfield LVF)

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal temperatures and pressures.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Exposure to excessive heat.

10.5. Incompatible materials

Caustic agents.

10.6. Hazardous decomposition products

Carbon oxides may form upon burning

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	LD50 oral rat	>5000 mg/kg
		LD50 dermal rat	>5000 mg/kg

Routes of Entry	
Skin	May be slight to moderate irritation. May be sensitizing.
Eyes	May cause slight irritation.
Ingestion	None identified
Inhalation	None identified

Carcinogenic Categories	
IARC group	Substance is not listed
NTP	Substance is not listed

SECTION 12: Ecological information

Toxicity: No further relevant information available.
Persistence and Degradability: No further relevant information available.
Mobility in Soil: No further relevant information available.
Other Adverse Effects: No studies have been found

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

SECTION 14: Transport information

DOT Classification: Not regulated by US DOT Highway regulations.
U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 70 Insecticide
UN Number: 1993 Flammable liquid, n.o.s. (Isopropanol)
IMDG Class (sea): 3 – Flammable liquid
IATA Class (air): 3 – Flammable liquid
Marine Pollutant: No
Packing Group: III
Hazard Label(s): 3 – Flammable liquid
ADR Class (road): Not regulated.
Proper Shipping Name(s): Pesticide, liquid, flammable
Reportable Quantity: None

SECTION 15: Regulatory information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: KEEP OUT OF REACH OF CHILDREN

Environmental Hazards: This product is toxic to aquatic organisms including fish and invertebrates. To protect the environment, do not allow the pesticide to enter or run-off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the area.

Physical or Chemical Hazards: Combustible. Do not use or store near heat or open flame.

SECTION 16: Other information

Other information : None.

SDS US (GHS HazCom 2012) - Pesticides

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.