

# Pyrecan Insecticide Ready to Use

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 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, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424  
T (315) 736-8231  
[www.bonide.com](http://www.bonide.com)

#### 1.4. Emergency telephone number

Emergency number : 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)

Skin Irritation 3 H316 May cause mild skin irritation  
Eye Irritation 2B H320 Causes eye irritation  
H227 Combustible liquid

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H316 - May cause mild skin irritation  
H320 - Causes eye irritation  
H227 - Combustible liquid

Precautionary statements (GHS-US) :

P281 - Use personal protective equipment as required  
P303+P352 - IF ON SKIN (or hair): Wash with plenty of soap and water  
P333+P311 - If skin irritation or rash occurs: Call a Poison Center or doctor/physician  
P305+P351 - If in eyes: Rinse cautiously with water for several minutes.  
P403+P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/container to in accordance with local/regional/national regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### Mixture

Name	Product identifier	%	Classification (GHS-US)
Canola Oil	(CAS No) 120962-03-0	1.00	Not classified
Pyrethrins	(CAS No) 8003-34-7	0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation: vapour), H331

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### 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.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### 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.

#### 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.

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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

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Pyrethrins (8003-34-7)

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
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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
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

#### 12.1. Toxicity

Pyrethrins (8003-34-7)	
LC50 fish 1	0.049 mg/l (96 h; Lepomis macrochirus)
LC50 other aquatic organisms 1	0.011 mg/l (96 h; Gammarus sp.)
LC50 fish 2	0.009 mg/l (96 h; Ictalurus punctatus)
Threshold limit other aquatic organisms 1	0.011 mg/l (96 h; Gammarus sp.)

#### 12.2. Persistence and degradability

Pyrethrins (8003-34-7)	
Persistence and degradability	Readily biodegradable in water.

#### 12.3. Bioaccumulative potential

Pyrethrins (8003-34-7)	
Log Pow	6.15 (Estimated value)

#### 12.4. Mobility in soil

Pyrethrins (8003-34-7)	
Ecology - soil	Not toxic to plants. Toxic to bees.

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Handle empty containers with care because residual vapors are flammable.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT  
No dangerous good in sense of transport regulations

#### Additional information

Other information : No supplementary information available.

### 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:

WARNING: KEEP OUT OF REACH OF CHILDREN

Causes eye irritation.  
Causes skin irritation.

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### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

#### Pyrethrins (8003-34-7)

U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
H227	Combustible liquid
H320	Causes eye irritation
H316	May cause mild skin irritation

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.*