

# RESEARCH SAFETY DATA SHEET

Transportation and Medical Emergency Phone: **1-800-535-5053 (INFOTRAC)**

General Phone: 317-580-8282



EPA Registration Number: 71711-37-67690

Creation Date: 06/25/2014

## Rycar<sup>®</sup> Insecticide

SePRO Corporation Carmel, IN 46032-4565

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT:** Rycar<sup>®</sup> Insecticide

**COMPANY IDENTIFICATION:**

SePRO Corporation

11550 North Meridian Street, Suite 600

Carmel, IN 46032-4565

[www.sepro.com](http://www.sepro.com)

**Information Phone:**

317-580-8282 (Mon – Fri, 8 am to 5 pm EST)

### 2. HAZARDOUS IDENTIFICATIONS

**EMERGENCY OVERVIEW**

DANGER! MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. Vapors, dust or sprays may be irritating to eyes, skin and respiratory system. Do not swallow product or inhale its dusts/mists. Do not get in eyes, on skin, or on clothing. Risk of mild eye and skin irritation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

An aqueous suspension concentrate

<u>Component Name</u>	<u>CAS #</u>	<u>% by Wt.</u>
Pyriproxyfen	337458-27-2	20.0
Surfactant	N/A	6.9
Water	N/A	65.1
Others	N/A	8.0

### 4. FIRST AID MEASURES

**IF IN EYES:** Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after initial 1-2 minutes and continue flushing. If irritation persists, get medical attention.

**IF ON SKIN:** Wash skin with plenty of soap and water. If irritation persists, get medical attention. Sensitized persons should avoid further contact and reuse of contaminated clothing.

**IF SWALLOWED:** Give large quantity of water. Get prompt medical attention. Do not induce vomiting unless told to do so by the poison control or doctor. Never give anything to an unconscious person.

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**IF INHALED:** Move person to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** n/a

**METHOD USED:** n/a

**EXTINGUISHING MEDIA:** Water spray (mist), CO<sub>2</sub>, dry chemical, or foam.

**SPECIAL FIRE FIGHTING PROCEDURE:** Firefighters and others that may be exposed to vapors of products, or combustion products, should wear full protective clothing and self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO TAKE FOR SPILLS:** Wear appropriate protective clothing and equipment. Ventilate spill area. Absorb liquid spills onto vermiculite or other absorbent. Sweep up or vacuum spill into a steel container for proper disposal. Avoid creating a dusting condition. Wash spill area material when cleanup is complete. If spilled on the ground, scrape up spill area with 1-2 inches of soil and put in appropriate container for disposal. Wash exposed body areas thoroughly with soap and water after handling. Report large spills to 1-800-535-5053.

### 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep out of reach of children. Wear approved protective equipment when handling. Do not swallow. Do not breathe dusts or spray mists. Avoid direct or prolonged contact with skin and eyes; do not rub eyes with soiled hands. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using the toilet or smoking. Keep away from food, feedstuffs, and water supplies. Store in the original container in a cool, dry place in tightly closed containers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

These precautions are suggested for conditions where a potential for exposure exists. Emergency conditions may require additional precautions.

**ENGINEERING CONTROLS:** When overexposure is likely, use with adequate ventilation or in closed system.

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYE/FACE PROTECTION:** Use chemical safety goggles.

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**SKIN PROTECTION:** Use protective clothing and gloves chemically resistant to this material.

**RESPIRATORY PROTECTION:** Respiratory protection should be worn when airborne exposure is expected. Avoid breathing mists or dusts.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** off-white viscous liquid

**DENSITY:** 1.08 at 20°C

**pH:** 6-8

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY: (CONDITIONS TO AVOID)** no data available

**INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID)** no data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** no data available

**HAZARDOUS POLYMERIZATION:** no data available

### 11. TOXICOLOGICAL INFORMATION

**POTENTIAL HEALTH EFFECTS:** This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner. The toxic effects of this product are unknown and it should be handled in a way to prevent overexposure.

The following data is for the technical grade active ingredient:

Oral LD <sub>50</sub> (Rat):	300-2,000 mg/kg
Dermal LD <sub>50</sub> (Rat):	> 2,000 mg/kg
Eye irritation (Rabbit):	Slight irritant
Skin Irritation (Rabbit):	Slight irritant
Sensitization (Guinea pig):	Negative

### 12. ECOLOGICAL INFORMATION

#### ECOTOXICOLOGY:

Carp:	LC <sub>50</sub>	2.0-10.0 mg/L (24, 96h)*
Daphnia:	EC <sub>50</sub>	0.0027 mg/L (48h)*

\*Values determined for technical grade

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### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** If wastes (including excess material and rinsates) and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. Do not dispose of this material or rinsates into a sewer, pond, river, lake, or any body of water.

### 14. TRANSPORT INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION (DOT) INFORMATION:

Follow precautions in Handling and Storage section. Confirm that the material does not leak and treat carefully as not to break packaging.

**UN Classification: Class 9, UN No. 3082** (environmentally hazardous substance, liquid, N.O.S.)  
Packaging group III

### 15. REGULATORY INFORMATION

**NOTICE:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given.

This product is for Research and Development Use only: To be used by, or under direct supervision of, a technically qualified individual. This is an experimental sample. Toxicological properties of the material have not yet been fully investigated. Treat product accordingly.

### 16. OTHER INFORMATION

#### MSDS STATUS:

Created -06/25/2014

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not related to use in combination with any other material or in any process.

The information herein is given in good faith, but no warranty, express or implied, is made. Consult SePRO Corporation for further information.