1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Rycar® Insecticide

COMPANY IDENTIFICATION:
SePRO Corporation
11550 North Meridian Street, Suite 600
Carmel, IN 46032-4565
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

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>% by Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrifluquinazon</td>
<td>337458-27-2</td>
<td>20.0</td>
</tr>
<tr>
<td>Surfactant</td>
<td>N/A</td>
<td>6.9</td>
</tr>
<tr>
<td>Water</td>
<td>N/A</td>
<td>65.1</td>
</tr>
<tr>
<td>Others</td>
<td>N/A</td>
<td>8.0</td>
</tr>
</tbody>
</table>

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.
5. FIRE FIGHTING MEASURES

FLASH POINT: n/a
METHOD USED: n/a

EXTINGUISHING MEDIA: Water spray (mist), CO₂, 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.
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 LD₅₀ (Rat): 300-2,000 mg/kg
Dermal LD₅₀ (Rat): > 2,000 mg/kg
Eye irritation (Rabbit): Slight irritant
Skin Irritation (Rabbit): Slight irritant
Sensitization (Guinea pig): Negative

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY:

Carp: LC₅₀ 2.0-10.0 mg/L (24, 96h)*
Daphnia: EC₅₀ 0.0027 mg/L (48h)*

*Values determined for technical grade
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.