

SAFETY DATA SHEET

Product Name: PoaCure SC (Methiozolin 25%)

Page 1/4

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: PoaCure SC
Company Name: Moghu Research Center Ltd.
Address: 336 Gukjegwahak-ro, Yuseong, Daejeon, 34002, SOUTH KOREA
Phone: +82-42-862-4952
Fax: +82-42-862-4950
Emergency Phone Number: +82-42-862-4951

2. HAZARD IDENTIFICATION

Hazard classification

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other hazards

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Active ingredient: Methiozolin (CAS No.: 403640-27-7) 25% (w/w)
Inert ingredients (CAS No. 70559-25-0 etc) 20.8% (w/w)
Water (CAS No. 7732-18-5) Rest (w/w)

4. FIRST-AID MEASURES

If Inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a doctor/physician.

If on Skin: Wash with plenty of water. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

If Swallowed: Rinse mouth. Do not induce vomiting. Call a doctor/physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, dry chemical, carbon dioxide and foam

Specific hazards arising from the chemical: Combustion may produce toxic fumes of carbon monoxide, sulfur dioxide and hydrogen chloride.

Special protective actions for fire-fighters: Self-contained breathing apparatus should be provided. Work on the windward.

6. ACCIDENTAL RELEASE MEASURES

SAFETY DATA SHEET

Product Name: PoaCure SC (Methiozolin 25%)

Page 2/4

Personal precautions: Wear adequate personal protective equipment and clothing.

Environmental precautions: Keep contaminated water out of lakes, streams or ponds.

Removal work precautions: Spillage contaminant should be swept up into a secure container.

7. HANDLING AND STORAGE

Protective measures: Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE and wash contaminated clothing before reuse. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change clothing

Handling: Wear protective clothing consisting of a long-sleeved shirt, long pants, protective gloves, face protection and eye protection. Work on the windward.

Storage: Store locked up. Store in a dry and sunlight-protected place. Do not contaminate food or feed by storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

Exposure Controls:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines, If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use safety glasses (with side shields).

Skin protection

Hand protection: Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Other protection: No precautions other than clean body-covering clothing should be needed.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed;

SAFETY DATA SHEET

Product Name: PoaCure SC (Methiozolin 25%)

Page 3/4

however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque, viscous liquid
Colour:	White milky
Odour:	Slight preservative odour
pH Value:	6.33
Melting Point:	ND
Boiling Point:	>100 °C
Flash Point:	ND
Lower Explosion Limit:	ND
Density:	1.09 g/cm ³ at 20.5°C

10. STABILITY AND REACTIVITY

Reactivity: Stable against heat, acid, alkaline and sunlight under normal handling conditions.
 Hazardous decomposition products: Combustion may produce toxic fumes of carbon monoxide, hydrogen chloride and sulfur dioxide.

11. TOXICOLOGICAL INFORMATION

Finished product, data shown as the dose of methiozolin

Acute Oral Toxicity (LD ₅₀)	> 2,500 mg/kg (rat-male/female)
	> 2,000 mg/kg (mouse-male/female)
Acute Dermal Toxicity (LD ₅₀)	> 2,000 mg/kg (rat-male/female)
Acute Inhalation Toxicity (LC ₅₀ (4 hr))	> 5.9 mg/L (rat-male/female)
Skin Irritation:	Non-irritant (rabbit)
Eye Irritation:	Non-irritant (rabbit)
Skin Sensitization:	Negative (guinea pig)

12. ECOLOGICAL INFORMATION

Finished product, data shown as the dose of methiozolin

Acute Fish Toxicity (LC ₅₀ , 96 hr)	2.58 mg/L, Rice fish
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13. DISPOSAL CONSIDERATIONS

Local regulations should be adhered to:
 Do not contaminate water by disposal.
 Dispose of containers and residues in accordance with local/regional/national regulations.

SAFETY DATA SHEET

Product Name: PoaCure SC (Methiozolin 25%)

Page 4/4

14. TRANSPORT INFORMATION

DOT

Not regulated for transport

Classification for SEA transport (IMO-IMDG): Not regulated for transport

Classification for AIR transport (IATA/ICAO): Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

Pesticide Registration:

This chemical is a pesticide product registered by the US Environmental Protection Agency under federal pesticide law (FIFRA).

EPA Registration Number: 89633-5

16. OTHER INFORMATION

This SDS is prepared according to the Globally Harmonized System (GHS). Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be constructed as guaranteeing specific properties.

Safety Data Sheet Version Number: V. 17.

Issue date: August 8, 2023