

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE SUPPLIER

Product name:	Propiconazole 250G/L EC
Other name:	/
Recommended use of the chemical and restrictions on use	Fungicide
Supplier name:	Shandong Weifang Rainbow Chemical Co., Ltd.
Supplier address:	Binhai Economic Development Area, Weifang, Shandong, China
Supplier phone:	+86-531-88875222, 88875231
Supplier fax:	+86-531-88875232, 88875224
Emergency phone number:	+86-531-88875222

2. HAZARDS IDENTIFICATION

Hazard statement(s):

Harmful if swallowed. May be harmful if inhaled or absorbed through skin.
Toxic to aquatic organisms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Propiconazole	60207-90-1	250g/L
Other ingredients		Up to 1L

4. FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Skin contact: Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed

No data available

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

CO₂, dry powder, foam or water spray.

Special hazards arising from the chemical:

No data available

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid generation of dust. Do not breathe dust. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Methods and materials for containment and cleaning up:

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities:

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls:

Ensure adequate ventilation.

General hygiene considerations:

Avoid contact with skin, eyes or clothing. Do not breathe dust. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Personal protective equipment:

Respiratory protection: If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Eye protection: Wear safety goggles or face shield.

Skin and body protection: Wear protective clothing including chemical impermeable gloves, long sleeved shirt, long pants, shoes and socks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color etc.):	Liquid
Flash point:	95°C
Flammability (solid, gas):	Non-flammable
pH:	4.0-9.0
Relative density:	1.047 g/mL
Solubility(ies):	Emulsifiable in water
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing

10. STABILITY AND REACTIVITY

Chemical stability:

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Stable under normal condition.

Incompatible materials:

Strong acids, strong bases, strong oxidizing agents.

Hazardous decomposition products:

No data available

11. TOXICOLOGICAL INFORMATION

Numerical measures of toxicity:

Acute oral LD50:	300 -2000 mg/kg in the rat
Acute dermal LD50:	>2000 mg/kg in the rat
Acute inhalation LC50:	>9.46 mg/L in the rat, 4h (whole body)
Skin irritation:	No irritation
Eye irritation:	No irritation
Skin sensitization:	No a sensitizer

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Birds - Acute LD50:	> 2510 mg/kg in the Mallard duck
Fish - Acute 96 hour LC50:	2.29 mg/L in the Rainbow trout
Aquatic invertebrates - Acute 48 hour EC50:	26.1 mg/L in the Daphnia magna
Honeybees - oral acute 48 hour LD50	> 100 µg/bee

13. DISPOSAL CONSIDERATIONS

Safe handling of waste residues and disposal methods:

Product:

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging:

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill.

14. TRANSPORT INFORMATION

UN number:

3082

UN proper shipping name:

Environmentally hazardous liquid substance, n.o.s.

Transport hazard class(es):

9

Packing group, if applicable:

III

Marine pollutant (Yes/No):

Yes

15. REGULATORY INFORMATION

The information herein is presented in good faith and believed to be accurate as of the effective date shown

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above. However, no warranty, express or implied, is given.

Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and /or local laws.

16. OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.