



## Safety Data Sheet

### SINOCHEM Rivet 125 SC Fungicide

#### Section 1 - Chemical Product and Company Identification

**Product name:** SINOCHEM Rivet 125 SC Fungicide  
**Use:** Fungicide  
**Formulation:** Suspension concentrate (SC)  
**Company:** Sinochem Agro Co., Ltd.  
**Address:** Level 8, 606 St.Kilda Road, Melbourne, Victoria 3004  
**For information, call:** 03 9520 8888  
**Emergency Number:** 1800 033 111

#### Section 2 - Hazards Identification

##### Risk Phrases

R40 - Limited evidence of a carcinogenic effect.  
R51 - Toxic to aquatic organisms.  
R53 - May cause long-term adverse effects in the aquatic environment.  
R62 - Possible risk of impaired fertility.  
R63 - Possible risk of harm to the unborn child.

##### Safety Phrases

S2 - Keep out of reach of children.  
S13 - Keep away from food, drink and animal feeding stuffs.  
S36/37 - Wear suitable protective clothing and gloves.  
S46 - If swallowed, seek medical advice immediately and show this container or label.  
S53 - Avoid exposure-obtain special instructions before use.  
S60 - This material and its container must be disposed of as hazardous waste.  
S61 - Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

#### Section 3 - Composition, Information on Ingredients

Components	CAS Number	Proportion (w/v)
Epoxiconazole	133855-98-8	12.5%
Other ingredients (additives)		10% - 20%
Water		Balance

#### Section 4 - First Aid Measures

**If Inhaled:** Move affected person to fresh air. If symptoms develop or persist, call an ambulance, seek medical advice.  
**If in Eyes:** Hold eye open and rinse slowly and wash with copious amounts of water for at least for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical advice.  
**If Swallowed:** Rinse mouth and then drink plenty of water.  
**If on Skin:** Take off contaminated clothing and launder before re-use. Wash affected areas thoroughly with soap and water.  
**Note to physician:** Treat according to symptoms (decontamination, vital functions), no known specific antidote.



## Section 5 - Fire Fighting Measures

**Flash Point:** The flash point of Epoxiconazole 125 SC was above 93 °C.

**Extinguishing Media:** Water spray, foam, dry powder, carbon dioxide

**Special Fire Fighting Procedures:**

If exposed to fire, keep container cool by spraying with water. Breathable air apparatus should be worn when fighting a fire in which this product is involved.

**Special protective equipment:** Wear self-contained breathing apparatus and chemical-protective clothing.

## Section 6 - Accidental Release Measures

**Personal Precautions:** For appropriate personal protective equipment (PPE), refer Section 8.

**Environmental Precautions:** Prevent from entering drains, waterways or sewers. Use earthen bunds or absorbent bunding to prevent spreading of spillage.

**Spills and Disposal:** Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Pump any free liquid into an appropriate closed container. Thoroughly scrub floor or other impervious surface with a strong industrial detergent and rinse with water. Collect spilled material and waste in sealable open-top type containers for disposal.

## Section 7 - Handling and Storage

**Handling:** Do NOT contaminate dams, rivers or streams, or any other water bodies with chemical or used containers. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

**Storage:** Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Handle in well ventilated areas, generally natural ventilation is adequate.

**Personal Protective Equipment:** When opening the container, preparing the spray and using the prepared spray wear protective waterproof clothing, elbow-length PVC gloves, water resistant footwear and full-facepiece respirator (or goggles and half facepiece respirator).

**Hygiene Considerations:** After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

**Requirements Concerning Special Training:** Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## Section 9 - Physical and Chemical Properties

**Form:** Liquid

**Odor:** Slight aromatic odor

**Flash point:** >93 °C

**Specific gravity:** Approx. 1.07 g/cm<sup>3</sup> at 20 °C

**pH:** 5.0 - 8.0

**Solubility:** Disperses in water

**n-Octanol/Water Partition Coefficient:** LogPow is 2.63 for epoxiconazole



## Section 10 - Stability and Reactivity

**Chemical Stability:** This material is stable under normal handling and storage conditions.

**Hazardous Polymerization:** Hazardous polymerisation is not possible.

**Hazardous Reactions:** Keep away from strong oxidising agents.

## Section 11 - Toxicological Information

**Acute oral:** Rat LD<sub>50</sub>: >2500 mg/kg

**Acute dermal:** Rat LD<sub>50</sub>: >2,000 mg/kg

**Acute inhalation:** Rat 4-hr LC<sub>50</sub>: >5.56 mg/l

**Eye Irritation:** Rabbit: Non-irritating

**Skin Irritation:** Rabbit: Non-irritating

**Skin Sensitization:** Non-sensitizer in mouse

## Section 12 - Ecological Information

**Fish Acute Toxicity:** LC<sub>50</sub> (96hr) for fish (*Danio rerio*) is 53.37 mg/l.

**Acute Toxicity-Daphnia:** EC<sub>50</sub> (48hr) for daphnia is 49.07 mg/l for the formulated product.

**Acute Toxicity -Other Organisms:**

**Bird:** LD<sub>50</sub> (14 d) for Japanese quail >2000 mg/kg bw (male), >2000 mg/kg bw (female).

**Honey Bee (*Apis mellifera*):** LD<sub>50</sub> contact (48 h) >857.57 µg/bee.

**Mobility:** Epoxiconazole is biodegradable. It will not accumulate in the soil or water or cause long term problems.

## Section 13 - Disposal Considerations

**Product Disposal:** On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals.

**Container Disposal:** Do not use this container for any other purpose. Triple or preferably pressure rinse inner bladder or containers before disposal. Add rinsing to the spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations.

**Contaminated packaging:** Dispose of as unused product.

## Section 14 - Transport Information

**Transport Information:** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

**Storage and Transport:** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Exempt from classification as a Dangerous Good in packs less than 3,000 kg or L as per ADG7, SP no. AU01. For bulk shipments as Class 9, use UN 3082, HazChem code •3Z.

**UN Number (Sea Transport):** 3082

**IMO Class/Packing Group:** Class 9; Packing Group III

**IMO Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.



### **Section 15 - Regulatory Information**

This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 68677.

### **Section 16 - Additional Information**

This Safety Data Sheet above is believed to be accurate and represents the best information currently available to us. It may not be valid for this material if used in combination with any other materials or in any process. It is the users' responsibility to satisfy themselves as to the suitability and completeness of this information for their own particular use.