



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

Address: 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

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Product name: Penconazole 20% EW

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Penconazole	143390-89-0	20.0
Other ingredients	Secret	80.0

3 Hazards Identification

May be harmful

4. First Aid Measures

Inhalation: If vapours or mists have been inhaled, and irritation has developed, remove the source of contamination or move victim to fresh air. The patient should be kept under observation and obtain medical attention if irritation persists.

Skin contact: Remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with cold water and non-abrasive soap. Obtain medical attention if irritation persists.

Eye contact: Immediately flush eyes with a stream of clean water for at least 20 minutes, holding the eyelid(s) open. Obtain medical attention if irritation persists.

Ingestion: Do not induce vomiting due to the solvent. Do not give anything by mouth. Obtain medical attention immediately. If the person is alert, rinse mouth thoroughly with water

Advice on treatment: There is no specific antidote available. Treat symptomatically. The product contains a solvent that may cause chemical pneumonitis if aspirated into lungs. Watch for delayed onset of pulmonary. If ingested perform gastric lavage and administer activated charcoal.

5. Fire-Fighting Measures



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Extinguishing Media: Water, foam, dry chemical or carbon dioxide

Fire fighting instruction: Extinguish fires with carbon dioxide, dry powder, or alcohol-resistant foam. Water spray can be used for contact with the product. Use as little water as possible. Use spray or fog. Solid stream may cause spreading. Contain water used for fire fighting for later disposal. Avoid the accumulation of polluted run-off from the site. cooling of unaffected stock, but avoid water coming in

Personal protective equipment: Fire may produce harmful combustion products (traces of hydrogen cyanide and oxides of nitrogen and carbon). Fire fighters and others that may be exposed should wear full protective clothing and self-contained breathing apparatus

6. Accidental Release Measures

Leak and/or Spill: Soak up with absorptive material such as damp earth or sand or other suitable non-combustible absorbent material. Place the material into a clean, dry container and cover for subsequent disposal. In situations where product comes in contact with water, contain contaminated water for later disposal. Prevent material from spreading by damming in with absorptive material. Do not flush spilled material into drains. Keep spectators away and upwind.

Personal precautions: Avoid contact with skin and eyes. Do not breathe in spray or fumes.

Environmental precautions: Do not allow entering drains or watercourses. Spillage or uncontrolled discharges into water courses (or public waters) to be reported immediately to the Police and to the Department of Water/Environmental Affairs. Considered as Marine Pollutant.

7. Handling And Storage

Handling: Wear dust respirator, rubber gloves, goggles while handling. Local exhaust or mechanical ventilation are desirable. Eye bath and safety shower are desirable. Wash thoroughly after handling.

Storage: Do not store near sources of sparks, flame or heat. Keep under lock and key and out of reach of unauthorised persons, children and animals. Store in its original labelled container in isolated, dry, cool and well-ventilated area. Not to be stored next to foodstuffs and water supplies. Local regulations should be complied with.



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8. Exposure Controls / Personal Protection

Exposure Limit: Not established

Engineering measures: Not established

Personal protection: Suitable protective clothing and gloves. Dust respirator, rubber gloves and safety goggles are recommended.

9. Physical And Chemical Properties

Appearance: White homogeneous solution, with a weak chemical odour.

Explosion properties: Not explosive.

Corrosiveness: Non-corrosive.

Solubility: Forms an emulsion in water.

pH: 6.6 in 1% aqueous solution.

Density: 1.007 g/ml

10. Stability And Reactivity

Stability: Chemically and thermally stable. React with strong bases.

Storage stability: Stable for a period of 2 years under normal warehouse conditions.

Conditions and Materials to Avoid: Keep the product in a cool, dry place, at below 30 OC. Protect from sunlight, open flame and sources of heat. Avoid contact with strong bases.

Hazardous decomposition products: Fire may produce harmful combustion products, which are toxic and irritating.

11. Toxicological Information

Acute oral toxicity: 3160 mg/kg

Acute dermal toxicity: > 2 000 mg/kg

Skin irritation: Non irritant

Eye irritation: Non irritant

Sensitization: Not a sensitizer.

Inhalation: Slight toxicity.

12. Ecological And Ecotoxicological Information

Non-toxic to birds.

Toxic to fish.

Not toxic to bees.

13. Disposal Considerations

Dispose of waste in accordance with government or local regulations.



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14. Transport Information

Not available

15. Regulatory Information

Not available

16 Other information

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THE END OF MATERIAL SAFETY DATA SHEET