

Material Safety Data Sheet

Pyridaben 15% EC

1. Chemical Product / Company Identification

Product name: Pyridaben 15% EC

Active Ingredient: Pyridaben

Manufacturer: Shanghai Tenglong Agrochem Co., Ltd.

Add: Yangpu building 24B, No.2005, Huangxing Road, Yangpu Shanghai

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2. Composition/Information on Ingredients

Components	CAS Number	%(W/W)
Pyridaben	96489-71-3	15%
Other ingredients	-	to 100%

3. Hazard identification

Emergency Overview: May be fatal if inhaled. Do not breathe dust or spray mist. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Do not get in eyes or on clothing. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling

4. First Aid Measures

4.1 Skin contact: Remove contaminated clothing. Wash contaminated skin with soapy water. If skin irritation develops, get medical attention. Wash clothing thoroughly before re-use.

4.2 Eye contact: Rinse eye(s) with clean running water for 15 mins. Get medical attention.

4.3 Inhaled: Keep patient calm, remove to fresh air, seek medical attention.

4.4 Ingestion: Rinse mouth immediately and then drink plenty of water, seek medical attention.

5. Fire Fighting Measures

Suitable extinguishing media: Carbon dioxide, dry chemical, foam.

Unsuitable extinguishing media: Water stream, water fog.

Special hazards in fire: The essential breakdown products are carbon monoxide, hydrogen

chloride, nitrogen oxides and sulfur oxides.

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

6. Accidental Release Measures

Emergency procedures: Wear protective equipment to prevent skin and eyes being affected. Breathing protection is advised if contact will be prolonged.

Personal precaution: Use personal protective clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental precaution: Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Methods for cleaning up or taking up:

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of contaminated material as prescribed.

7. Handling and Storage

Handling: Keep away from food, drink, and animal feedstuff. Personnel should use clothing and equipment as outlined below when handling open containers.

KEEP OUT OF REACH OF CHILDREN.

Wear suitable Personal protective equipment when handling and spraying.

Storage: Store in the original container in a dry, cool, ventilated, LOCKED area.

DO NOT store in prolonged sunlight.

DO NOT store with food, seed, or animal feedstuff.

8. Exposure Controls/Personal Protection

Personal protection equipment:

Eye/face protection: Goggles or glasses

Hand/skin protection: Overalls, PVC gloves and apron, face shield

Respiratory protection: Should not be necessary under normal conditions. If spray mist may be encountered, a particulate filter to AS/NZS 1715 should be worn.

9. Physical and Chemical Properties

Active ingredient: Pyridaben

Content: 15%

Chemical formula: C₁₉H₂₅ClN₂OS

Molecular weight: 364.9 g/mol

Appearance: pale yellow liquid

Solubility in water: emulsifiable

Specific gravity - density: 1.03 g/ml at 20°C

Flashpoint:98°C

10. Stability and Reactivity

Chemical stability: Normally stable.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Hazardous reactions: No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Rat:

Aute Oral LD₅₀ = 1930 mg/kg

Acute Dermal LD₅₀ > 2000 mg/kg

Acute Inhalation LC₅₀ (4 hour) = 0.09 mg/L

Acute Inhalation LC₅₀ (1 hour) (calculated) = 0.36 mg/L

Rabbit:

Eye Irritation - not irritating

Skin Irritation - Non irritating to skin

Guinea pig:

Dermal Sensitizer - Not sensitizing

12. Ecological Information

For the active ingredient:

Bobwhite Quail, Oral LD₅₀ > 2250 mg/kg

Mallard Duck, Oral LD₅₀ > 2500 mg/kg

Carp LC₅₀ : <0.5mg/l (48h)

Bee oral LD₅₀ : 0.55µg/bee (24)

13. Disposal Considerations

Product: Whenever possible, product should be used for its intended purpose, even if reclaimed from spillage (reclaimed product must be uncontaminated).

Containers: Whenever possible, follow directions given on container.

Must be dumped or incinerated in accordance with local regulations.

14. Transportation Information

Transport:

Class 6.1

Packaging group II

UN-number 2902

Designation of goods Pesticide, liquid, toxic

**15. Regulatory Information**

There is no special information for it.

16. Other Information

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.