



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY

Manufactory: JIANGSU FENGSHAN GROUP CO., LTD

Address: Caomiao Town, Dafeng City, Jiangsu Province, China.

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Product Name: Diazinon 250g/l EC

2. INFORMATION ON INGREDIENTS

Composition	CAS No.	Content g/l
Diazinon	000333-41-5	250
Other ingredients	---	Balance

3. Hazards Identification

Human Health Hazards: Harmful if swallowed. Irritating to skin.

Environmental hazard: Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures

Inhalation: Remove victim to fresh air. Keep victim warm and at rest. If you feel unwell, seek medical advice (show the label where possible).

Ingestion: Do not induce vomiting. Wash out mouth with water. Never give anything by mouth to an unconscious person. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediately get medical attention.

Skin contact: Remove affected clothing and wash all exposed skin area with soap and water, followed by warm water rinse. Obtain medical attention.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Note to physician: Antidote 1: Atropine sulfate.

Antidote 2: Obidoxime chloride or Pralidoxime (PAM).

Suggest serum and/or RBC cholinesterase determination.

If ingested perform gastric lavage and administer activated charcoal

5. Fire-Fighting Measures

Extinguishing media: For small fire: dry chemical, carbon dioxide. For large fire: water spray, alcohol resistant foam.

Special procedures: Fight fires from a protected location. Dike fire control water for later disposal. Keep container cool by spraying with water.



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Special exposure hazards: When heated to decomposition, emits toxic fumes: carbon dioxide, carbon monoxide, nitrogen oxides, phosphorus oxides, sulfur oxide.

Protection against fire: Wear proper protective equipment. Use self-contained breathing apparatus when in close proximity to fire.

6. Accidental Release Measures

Personal precautions: Use appropriate protection (see section 8) . During cleaning activity, shut off ignition sources.

Environmental precautions: Dispose of this material and its container at hazardous or special waste collection point In accordance with national and regional regulations. If the product has contaminated surface water, inform the appropriate authorities. Contaminated soil layers have to be dug out.

After spillage and/or leakage: In the event of minor spillage: Absorb in sand or other inert material. Use appropriate container to avoid environmental contamination. In the event of major spillage: Collect and contain as much free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal

7. Handling and Storage

Handling: When using, do not eat, drink or smoke. Avoid contact with skin.

Storage: Keep locked up. Keep container tightly closed. Keep only in the original container in a cool, well ventilated place. Keep container dry. Keep away from strong bases, sources of ignition and heat - No smoking.

8. Exposure Controls/Personal Protection

Engineering Controls: Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment: Some materials that are chemical-resistant to this product are listed.

9. Physical and Chemical Properties

Appearance: Yellow clear liquid

Specific gravity: 0.977 (20°C)

10. Stability and Reactivity

Physico-chemical stability: Stable under normal conditions.

Hazardous decomposition products: Thermal decomposition generates: carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxide, phosphorus oxides.

Hazardous reactions: Avoid contact with: strong oxidizing agents, strong acid, and strong base.



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Hazardous Polymerization: Will not occur.

Conditions to avoid: Protect from (sun) light and excessive heat. Temperature exceeding: 75 °C

11. Toxicological Information

Rat oral LD50 [mg/kg] : >2000

Rat dermal LD50 [mg/kg] : >2000

Rat inhalation LC50 [mg/l/4h] : >5.04

Dermal irritation (rabbit): Not irritating to skin.

Eyes irritation (rabbit): Not irritant

Sensitization: Non sensitizer (Buehler method)

12. Ecological And Ecotoxicological Information

Ecological effects information: The data below are for Diazinon Technical:

LD50 Birds [mg/kg]: 3.5

Persistence and degradability: Half-life time ($t_{1/2}$) = 1-3 weeks

Mobility: Low mobility

Bioaccumulative potential: Diazinon does not bioaccumulate in aquatic organ

13. Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

Container Disposal: For Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

14. Transport Information

Not available

15. Regulatory Information

Not available

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons



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on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

FengshanChem