

江苏省农用激素工程技术研究中心有限公司

JIANGSU AGROCHEM LABORATORY CO., LTD

98 Minjiang Road, Hi-tech Zone, Changzhou, Jiangsu 213022, China

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Material safety data sheet

Flutriafol 250 g/l SC

Section 1 Identification of Chemical Product and Company

Product name: Flutriafol 250 g/l SC

Product use: Fungicide

Company: Jiangsu Agrochem Laboratory CO., LTD

Add: 98 Minjiang Road, Hi-Tech Zone, Changzhou, Jiangsu 213022, China

Section 2 HAZARDS IDENTIFICATION

2.1 Classification

Classification in accordance with CLP Regulation Annex VI, Part 3 List of harmonised classifications (EC-Regulation 790/2009)

No classification

2.2 Labelling

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Classification: No classification

Precautionary statements

P273 Avoid release to the environment.

P281 Use personal protective equipment as required.

P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container in accordance with local regulation.

Section 3 COMPOSITION

Chemical name	Cas No.	Content (g/kg)
Flutriafol	76674-21-0	Min. 970

Section 4 FIRST AID MEASURES

Eye Contact:

Immediately flush the contaminated eyes with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding eyelid(s) open.

Skin Contact:

Wash gently and thoroughly with water for 5 minutes or until chemical is removed.

Inhalation:

If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.

Ingestion:

If swallowed, do not induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 FIRE FIGHTING MEASURE

Firefighting Media:

Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Firefighting Precaution:

Not combustible, however following evaporation of the water component of the material, the residual material

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can burn if ignited. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Section 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken: Use appropriate personal protective equipment. Eliminate sources of ignition. Floor may be slippery: use care to avoid falling. Absorb spill with an inert material. Place in container for disposal. Do not allow spill to enter waterways or sewers. This product is toxic to aquatic organisms.

Absorbents: Clay granules, sawdust, dirt, or equivalent.

Section 7 HANDLING AND STORAGE

Handling Precautions: Wash hands with soap and water after handling material. Avoid contact with skin, eyes, or clothing.

Storage Precautions: Do not contaminate water, food, or feed, by storage. Store upright at room temperature. Avoid exposure to extreme temperatures.

Section 8 EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering Controls: Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system.

Eye/Face: To protect against accidental eye contact, goggles/face-shield should be worn.

Skin Protection: Rubber gloves should be worn. Wash thoroughly with soap and water after handling.

Respiratory Protection: Ensure good ventilation. For maximum protection, wear a supplied

air, full-facepiece respirator, airtight hood, or full-facepiece self-contained breathing apparatus.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance White to light yellow powder

Melting point: 130 °C **Density:** 1.41 g/ml (25 °C) **Vapour pressure:** 7.1×10^{-6} mPa (20 °C)

Water solubility: In water 130 mg/l (pH 7, 20°C).

Section 10 STABILITY AND REACTIVITY

Stability: Stable under normal handling and storage conditions. Avoid to heat, moisture, prevent formation of dust.

Incompatibilities: No particular incompatibilities.

Hazard Polymerization: Will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: LD₅₀ 300-2000 mg/kg for rats

Acute Dermal Toxicity: LD₅₀ for rats >2000 mg/kg

Acute Inhalation Toxicity: LC₅₀ > 2.09 mg/L.

Skin Irritation: Not irritating to skin of rabbits .

Eye Irritation: Minimal irritating to eyes of rabbits .

Skin sensitization: Not a skin sensitizer

Section 12 - ECOLOGICAL INFORMATION

Birds Acute oral LD₅₀ for female mallard ducks >5000 mg/kg. Dietary LC₅₀ (5 d) for mallard ducks 3940, Japanese quail 6350 mg/kg.

Fish LC₅₀ (96 h) for rainbow trout 61, mirror carp 77 mg/l. NOEC 6.2 mg/l.

Bee Low toxicity to honeybees. Acute oral LD₅₀ >5 µg/bee.

Daphnia LC₅₀ (48 h) 78 mg/l.

Worms LC₅₀ (14 d) >1000 mg/kg.

Section 13 DISPOSAL CONSIDERATIONS

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Disposal of product would be treated, stored, transported, and disposed of according to the local waste regulation. Do not flush to surface water or sanitary sewer system.

Section 14 TRANSPORT INFORMATION

Not classified as DG cargo

Section 15 REGULATORY INFORMATION

No classification

Section 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 must review this MSDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers 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 a

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