

江苏长青农化股份有限公司

JIANGSU CHANGQING AGROCHEMICAL CO., LTD.

ADD: NO.1, JIANGLING ROAD, PUTOU TOWN, JIANGDU, JIANGSU, CHINA

TEL: +86-514-86923388 FAX: +86-514-86421039

MATERIAL SAFETY DATA SHEET

Date: Jul.31, 2019

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Cymoxanil 50% + Fluazinam 25% WG

Company name & address: Jiangsu Changqing Agrochemical Co., Ltd.

ADD: No.1 Jiangling Road, Putou Town, Jiangdu District, Yangzhou, Jiangsu, China.

Tel: +8651486923388

Fax: +8651486421039

2. HAZARDS IDENTIFICATION

Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Hazard statement(s)

H302 Harmful if swallowed.

H320 Causes eye irritation

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H373 May cause damage to organs (blood, thymus) through prolonged or repeated exposure.

H402 Harmful to aquatic life.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P363 Wash contaminated clothing before reuse.

3. COMPOSITION

Substance	CAS Number	% content
Cymoxanil	57966-95-7	50.0
Fluazinam	79622-59-6	25.0
Other ingredients		25.0

4. FIRST AID MEASURES

General advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Flush contaminated hair and skin with copious amounts of fresh water. Wash skin and hair with soap and water.

In case of eye contact

Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide (CO₂).

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), hydrogen chloride gas, hydrogen fluoride.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Follow exposure controls/personal protection outlined in Section 8.

Methods and materials for containment and cleaning up

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Precautions for safe handling

Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contact with eyes, skin or clothing.

Conditions for safe storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Store product in original container only. Do not store food, beverages or tobacco products in the storage area. Store locked up. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

8. EXPOSURE CONTROLS

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99(US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye protection

Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin and body protection

Where contact is likely, wear chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber or Viton), coveralls, socks and chemical-resistant footwear.

Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: faint yellow granule

pH: 4 - 7

Melting Point: not available

Vapor Pressure: not available

Partition coefficient: not available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. Carbon oxides, nitrogen oxides (NO_x), hydrogen chloride gas, hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

Acute oral (rat) LD₅₀: cut-off value 1000 mg/kg

Acute dermal (rat) LD₅₀: >2000 mg/kg

Acute inhalation (rat) LC₅₀: >3.3 mg/L (4h)

Skin contact: Not irritant (rabbit)

Eye contact: Mild eye irritant (rabbit)

12. ECOLOGICAL INFORMATION

Cymoxanil active ingredient:

Birds: Acute oral LD₅₀ for bobwhite quail >2250 mg/kg

Fish: LC₅₀ (96 h) for bluegill sunfish 29 mg/L

Daphnia: LC₅₀ (48 h) 27 mg/L.

Algae: EC₅₀(5d) for Selenastrum capricornutum 1.21 mg/L.

Bees: LD₅₀ (48 h, contact) >25 µg/bee.

Fluazinam active ingredient:

Birds: Acute oral LD₅₀ for Bobwhite quail 1782 mg/kg

Fish: LC₅₀ (96 h) for rainbow trout 0.036 mg/L

Daphnia: LC₅₀ (48 h) 0.22 mg/L

Algae: EC₅₀ (96 h) for Selenastrum capricornutum 0.16 mg/L

Bees: LD₅₀ (oral) >100 µg/bee

13. DISPOSAL CONSIDERATIONS

Product

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging.

Completely empty bag into application equipment. Do not reuse product containers.

Dispose of product containers according to local, state, and federal health and environmental regulations

14. TRANSPORT INFORMATION

IMDG

UN-Number: UN3077

Class: 9

Packing group: III

15. REGULATORY INFORMATION

Harmful by inhalation.

May cause sensitization by skin contact.

May cause eye irritation.

Keep out of the reach of children.

This material and its container must be disposed of as hazardous waste.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Jiangsu Changqing Agrochemical Co., Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

END OF MSDS