

# 江苏省农用激素工程技术研究中心有限公司

JIANGSU AGROCHEM LABORATORY CO., LTD

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## Material Safety Data Sheet for Cymoxanil 125g/l + Dimethomorph

### 180g/l SC

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product name: Cymoxanil 125g/l + Dimethomorph 180g/l SC
- 1.2 Product code: Not available.
- 1.3 Usage: fungicide.
- 1.4 Company: Jiangsu Agrochem Laboratory Co., Ltd
- 1.5 Emergency phone number: 86-519-85108097

#### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture (GHS Classification):

Health risks: Harmful by inhalation and if swallowed.

Environmental hazards: Harmful to aquatic organisms.

- 2.2. Label elements



Pictograms:

Hazard statement(s)

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

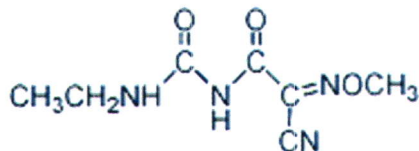
Precautionary statement(s)

P273 Avoid release to the environment.

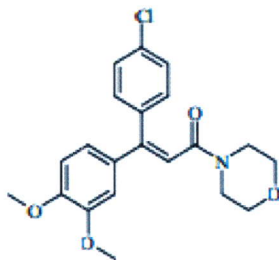
#### SECTION 3: Composition/information on ingredients

- 3.1. Substances:

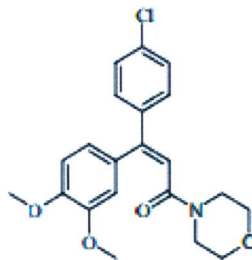
Cymoxanil:



Dimethomorph:



E-Isomer



Z-Isomer



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### 3.2. Mixtures name

Material	CAS No.	%(w/w)	Hazard Symbols: ( Xi, T, N ) H- and P-Phrases *
Cymoxanil	57966-95-7	12.5min	 Xn  N H302 H332 H410 P273
Dimethomorph	110488-70-5	18min	 N H411 H273 P273
Inert ingredient	/	The rest	

\* Description of H- and P-phrases in section 16 hereof.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### 4.2. Most important symptoms and effects, both acute and delayed

- if inhaled

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

Consult a physician.

- if swallowed

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

Consult a physician.

- if in contact with skin

Wash off with soap and plenty of water. Consult a physician.

- if in contact with eyes

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Not available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

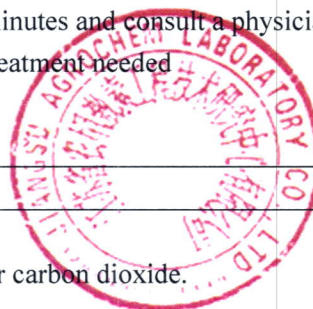
Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen fluoride.

#### 5.3. Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures



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Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas.

Ensure adequate ventilation. Avoid breathing dust.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided

### 6.3. Methods and material for containment and cleaning up.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4. Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Components with workplace control parameters

### 8.2. Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards.

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection



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Where risk assessment shows air-purifying respirators are appropriate use a full-face particle 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.

### SECTION 9: Physical and chemical properties

Appearance: white liquid

Odour: Slight odour

pH: 6.0-9.0

Melting point: The substance / product decompose therefore not determined.

Boiling point: The product is a non-volatile solid., not applicable.

Kow logP: not applicable.

Solubility in water: Dispersible.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Not available.

#### 10.2. Chemical stability

Stable under recommended storage conditions

#### 10.3. Possibility of hazardous reactions

Not available.

#### 10.4. Conditions to avoid

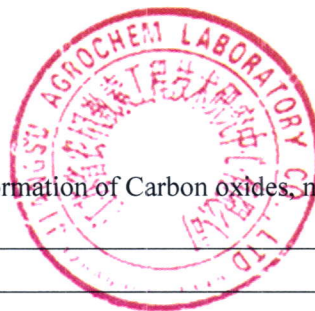
Incompatible materials, strong oxidants.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

None under normal conditions. In a fire formation of Carbon oxides, nitrogen oxides (NOx), Hydrogen fluoride.



### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute - LD<sub>50</sub> oral: >2000mg/kg(rats).

Acute - LD<sub>50</sub> dermal: > 2000 mg/kg (rats).

Acute - LD<sub>50</sub> inhalation (4 h) > 3500(rats) mg/m<sup>3</sup> air.

Eye irritation rabbits - Non irritant.

Skin irritation rabbits - Non irritant.

Skin sensitization guinea pigs – Not a skin sensitizer (guinea pigs).

### SECTION 12: Ecological information

Fish : LC<sub>50</sub> (96 h) for rainbow trout 35.4mg/l.

Birds: Acute oral LD<sub>50</sub> for bobwhite quail >2000 mg/kg

Daphnia: LC<sub>50</sub> (48 h) 30.05 mg/l.

Bees: LD<sub>50</sub> (oral) >100 µg/bee; (contact) >100µg/bee.

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### SECTION 13: Disposal considerations

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. 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

Dispose of as unused product.

### SECTION 14: Transport information

#### 14.1. UN number:

ADR/RID: - IMDG: - IATA: -

#### 14.2. Transport hazard class(es):

ADR/RID: - IMDG: - IATA: -

#### 14.3. Packing group:

ADR/RID: - IMDG: - IATA: -

#### 14.4. Environmental hazards:

ADR/RID:no IMDG: no IATA: no

#### 14.5. Special precautions for user:

Not available.

### SECTION 15: Regulatory information

See section 2.

### SECTION 16: Other information

#### 16.1 description H- and P-phrases.

##### Hazard statement(s)

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

##### Precautionary statement(s)

P273 Avoid release to the environment.

#### 16.2 Other information.

MSDS Created Date: Dec.1, 2016

