

# 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

Fax:+86-519-85108097 Email:zhonghuachen@jismone.com

Tel:+86-519-85109160 URL:http://www.jismone.com

### Material Safety Data Sheet

#### 1. Identification of Substance/ Preparation and Company

Desmedipham 71g/l+Phenmedipham91g/l+Ethofumesate 112g/l EC

Jiangsu Agrochem Laboratory Co., Ltd

Add: 98 MinJiang Rd,Hi-tech Development Zone, Changzhou, Jiangsu, China.

#### 2. Composition/ Information on Ingredients

Chemical Name: Desmedipham 71g/l+Phenmedipham91g/l+Ethofumesate 112g/l EC

Ingredients:

Active ingredient (desmedipham): 71G/L min

Active ingredient(phenmedipham):91G/L min

Active ingredient(ethofumesate):112G/L min

Inert ingredient: 726G/L

CAS No.(desmedipham): 13684-63-4

CAS No.(phenmedipham): 13684-56-5

CAS No.(ethofumesate): 26225-79-6

#### 3. Hazards Identification

Appearance: clear slight brown liquid.

**Warning!** Causes irreversible eye damage. Harmful if inhaled or irritant.

Eye: corrosive, caused irreversible eye damage

Skin: A slight skin irritant. Not known to cause skin sensitization.

Ingestion: harmful if swallowed

Inhalation: harmful if inhaled. Avoid breathing vapors and spray mist.

#### 4. First Aid Measure

IF SWALLOWED, Call a Poison Control Center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING, Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF IN EYES, Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Get medical attention if irritation develops or persists.

#### 5. Fire-Fighting Measures

FLASH POINT: 90°C /194oF (Setaflash Closed Cup; Flammability Class IIIA)

EXTINGUISHING MEDIA: Foam, sand, earth, dry powder, dry chemical, carbon dioxide, water spray.

#### FIRE/EXPLOSION HAZARDS

Combustible liquid. This product can form combustible mixtures at temperatures at or above the flash point. It may produce a floating fire hazard in extreme fire conditions.

When heated to decomposition or upon burning, this product will give off toxic fumes which include aldehyde, oxides of carbon, nitrogen, and sulfur.

#### FIRE FIGHTING INSTRUCTIONS

Wear self-contained breathing apparatus and protective clothing.

Use water spray to cool fire exposed surfaces but avoid spraying water directly into storage containers due to danger of boilover.

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### 6. Accidental Release Measures

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,

Call medical

GENERAL AND DISPOSAL: Use proper protective equipment to minimize personal exposure. Take all necessary action to prevent and to remedy the effects of the spill.

Ensure that the disposal is in compliance with Federal or local disposal regulations.

Notify the appropriate authorities immediately.

LAND SPILLS OR LEAKS: Eliminate sources of ignition and shut off leak if possible.

Take up with sand or other non - combustible material and place into a clean container for later disposal.

Wear impervious gloves when removing spillages and cleaning up contaminated areas.

Report immediately to authorities if liquid enters watercourse or sewer.

### 7. Handling and Storage

Handling Procedures: Danger! Corrosive.

Can cause irreversible eye damage. Do not get in eyes, on skin, or on clothing.

Harmful if swallowed.

Harmful if inhaled.

Avoid breathing vapors and spray mist.

Storing Procedures: Store in original container. Keep tightly closed.

Keep in a dry, cool place.

Do not use or store near heat or open flame.

Work/Hygienic: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

Do not reuse them.

### 8. Exposure Control and Protection

ENGINEERING CONTROLS: Control airborne concentrations below the exposure guidelines. Use with adequate ventilation.

Local exhaust ventilation may be necessary when used in a confined area.

EYE/FACE PROTECTION Splash goggles .

CLOTHING Wear long-sleeved shirt and long pants, shoes plus socks .

GLOVES PVC or rubber gloves.

RESPIRATOR Use only in well ventilated areas.

Use NIOSH/MSHA approved vapor respirators if ventilation is inadequate.

### 9. Physical and Chemical Properties

APPEARANCE Yellow

ODOR Pungent (ketone odor)

BULK DENSITY 8.5 lbs/gallon

PHYSICAL STATE Liquid

Not miscible in Spray Oil Concentrate

VAPOR PRESSURE < 1.0 mmHg (Estimate)

SOLUBILITY (in water) Miscible in water

PH 4.2

SPECIFIC GRAVITY 1.03 at 20oC

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DENSITY 1.03 mg/ml  
BOILING POINT 215°C  
VISCOSITY 35.68 mPa.s

## 10. Stability and Reactivity

CHEMICAL STABILITY Stable  
INCOMPATIBILITY Strong oxidizing agents  
HAZARDOUS POLYMERIZATIONS Will not occur

## 11. Toxicological Information

Acute Oral Toxicity Male Rat: LD50 : 4,665 mg/kg (low toxicity)  
Female Rat: LD50 : 6,156 mg/kg (low toxicity)  
Acute Dermal Toxicity Rabbit: LD50 >5,000 mg/kg (low toxicity)  
Acute Inhalation Toxicity Rat: LC50 > 4.18 mg/l (highest attainable concentration)  
(4 h) (moderately toxic)  
Eye Irritation Corrosive – causes irreversible eye damage  
Skin Irritation Rabbit: A slight skin irritant

## 12. Ecological Information

Environmental Precautions: This product is extremely toxic to fish and other aquatic organisms. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated sites may be hazardous to fish in adjacent waters.  
Do not contaminate water when disposing of equipment washwaters.

## 13. Disposal Consideration

No information

## 14. Transportation information:

Proper shipping name: environmentally hazardous substance  
CLASS: 9  
UN NO. 3082

## 15. Additional information

**Health & Safety Reporting List** None of the chemicals are on the Health & Safety Reporting List.  
**Chemical Test Rules** None of the chemicals in this product are under a Chemical Test Rule.

## 16. Regulatory Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

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