



# CHEMET WETS & FLOWS P. LTD.

AN ISO 9001:2008; ISO 14001:2004; OHSAS 18001:2007 CERTIFIED COMPANY

G-12 Hemkoot Building, B/H LIC Office, Opp. B.M. Institute of Mental Health, Ashram Road, Ahmedabad-380009. Gujarat. INDIA.

Phone : 079-26586091, Fax : 079-26587111 Email : [info@chemet.in](mailto:info@chemet.in) Website : [www.chemet.in](http://www.chemet.in)

## PRODUCT SAFETY DATA SHEET OF THIAMETHOXAM 30 % FS

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	CRUCIAL
Technical Name	THIAMETHOXAM 30 % FS
Chemical Name:	3-[(2-Chloro-1,3-thiazol-5-yl)methyl]-5-methyl-N-nitro-1,3,5-oxadiazinan-4-imine
Formula	C <sub>8</sub> H <sub>10</sub> ClN <sub>5</sub> O <sub>3</sub> S
Supplier	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Manufacturer	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Emergency Phone No	02646-239490
Fax No	02646-220254
Environmental, Health and Safety Department	02646-239490 02646-220254
Email id	chemetank@gmail.com

### 2. COMPOSITION INFORMATION OF INGREDIENTS

Chemical Name	CAS NO	Percentage
Thiamethoxam FS	153719-23-4	30%

### 3. HAZARDS IDENTIFICATION SUMMARY

- Causes mild skin irritation.
- Very toxic to aquatic life with long lasting effects.

### 4. FIRST AID MEASURES

#### General advice

Have the product container, label or Material Safety Data Sheet with you when calling emergency number,



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a poison control center or physician, or going for treatment.

## Inhalation

Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.

## Skin contact

Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

## Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

## Ingestion

If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

## Medical advice

There is no specific antidote available. Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Extinguishing media - large fires Alcohol-resistant foam or Water spray.

### Extinguishing media which shall not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

### Specific hazards during fire fighting

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health.

### Special protective equipment for firefighters

Wear full protective clothing and self-contained breathing apparatus.

### Further information

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.



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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid dust formation.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.

### Methods for cleaning up

Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations. Do not create a powder cloud by using a brush or compressed air. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### HANDLING

No special protective measures against fire required. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. For personal protection see section 8.

### STORAGE

No special storage conditions required. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal Protection Equipment

#### Protective measures

The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

#### Respiratory protection

No personal respiratory protective equipment normally required. A particulate filter respirator may be necessary until effective technical measures are installed.

#### Hand protection

Chemical resistant gloves are not usually required. Select gloves based on the physical job requirements.

#### Eye protection

Eye protection is not usually required. Follow any site specific eye protection policies.

#### Skin and body protection



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No special protective equipment required. Select skin and body protection based on the physical job Requirements.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** Liquid

**Color** light red to dark red

**pH** 4 - 8 at 1 % w/v

**Density** 1.1785 g/cm<sup>3</sup> at 20 - 25 °C

**Miscibility** Miscible

## 10. STABILITY AND REACTIVITY

### Hazardous decomposition products

Combustion or thermal decomposition will evolve toxic and irritant vapors.

### Hazardous reactions

None known. Hazardous polymerization does not occur. Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION.

**Skin irritation** Rabbit: Mildly Irritating

**Eye irritation** Rabbit: Practically non-irritating.

**Sensitization** Guinea pig: Not a skin sensitizer in animal tests.

## 12. ECOLOGICAL INFORMATION

No Data Available.

## 13. DISPOSAL CONSIDERATION

### Product

Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

### Contaminated packaging



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Empty remaining contents. Triple rinse containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers

## 14. TRANSPORT INFORMATION

### Transport By AIR/SEA/Road

UN-Number	3082
Class	9
Packaging group	III

## 15. REGULATORY INFORMATION

Not available.

## 16. OTHER INFORMATION

NONE.

## DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in this Material Safety Data Sheet. No warranty is made, either expressed or implied and Perisseuma Projects does not hold itself liable for any injury, illness, loss or misinterpretation arising from the use of this data. CHEMET WETS & FLOWS P.LTD makes no warranty expressed or implied in respect of the adequacy of this document for any particular purpose.

### PREPARED BY:

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