



# 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 CHLORPYRIFOS 2% RTU

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	TERMISTOP
Technical Name	CHLORPYRIFOS 2% RTU
Chemical Name of	O, O-Diethyl-O-(3, 5, 6-trichloro -2-pyridiniyl) Phosphorothioate.
Formula	C <sub>9</sub> H <sub>11</sub> Cl <sub>3</sub> NO <sub>3</sub> PS
Supplier	CHEMET WETS & FLOWS P. LTD Plot no. 129/c/2, GIDC Estate, Ankleshwer 393002 Tel: 91-2646 239490
Manufacturer	CHEMET WETS & FLOWS P. LTD Plot no. 129/c/2, GIDC Estate, Ankleshwer 393002 Tel: 91-2646 239490
Emergency Phone No.	02646-239490
Fax No	02646-220254
Environmental, Health and Safety Department	02646-239490 02646-220254
E mail Id	chemetank@gmail.com

### 2.COMPOSITION INFORMATION OF INGREDIENTS

Ingredient	CAS NO	Percentage
Chlorpyrifos RTU	2912-88-2	2%

### 3. HAZARD IDENTIFICATIONSUMMARY

NONE

### 4.FIRST AID AND MEASURES

#### Eyes

Rinse immediately with water for at least 5 minutes. Get medical attention.



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## Skin

Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

## Inhalation

Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

## Ingestion

Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Dry powder, CO<sub>2</sub>, Halon Water spray, Foam

**Unsuitable Extinguishing Media** N.A

**Exposure Hazards** Thermal decomposition products may include toxic oxides of Carbon, Sulphur and Phosphorous.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Avoid contact with skin, eyes and clothing.

**Environmental Precautions** Prevent contamination of soil, drains and surface of water.

**Methods for Cleaning** Absorb in inert material and place in suitable and closable container or incinerate it.

## 7. HANDLING AND STORAGE

**Handling:** Do not eat, drink or smoke at the workplace  
**Storage:** Keep away from food and drink. Store in the original container tightly closed at ambient condition.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

**Technical protective measures** None

**Exposure control limits** Avoid breathing toxic vapour.

**Respiratory protection** Wear suitable mask.

**Hand protection** Wear suitable gloves.



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**Eye protection** Wear suitable goggles or face protection.

**Skin protection** Wear overalls and closed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Homogeneous free flowing liquid free from extraneous.

**Boiling Point** 156-157°C

**Odor** Solvent Odor

**Density** 0.90 at 25°C

**Explosive property** Inflammable

**Flash point** above 24.5°C

**Solubility in water** 2ppm at 25°C

**Vapour pressure** 0.0000187 mmHg at 25°C

**Partition coefficient** 50000

**Viscosity** 90 - 110 cps/50°C

## 10. STABILITY AND REACTIVITY

**Thermal stability** Decompose

**Conditions to Avoid** None

**Materials to avoid** Alkaline mettle and oxidizing agents.

**Hazardous Decomposition** Thermal decomposition products may include toxic products oxides of Carbon, sulphur and Phosphorous

## 11. TOXICOLOGICAL INFORMATION

**Acute LD<sub>50</sub> Oral Mice** 109.58 mg/kg WHO Class - III

**Acute LD<sub>50</sub> Dermal Rabbits** 1233.15 mg/kg Toxicity Class - III

**Acute LD<sub>50</sub> Inhalation (Rat, 4 hr)** 0.56 mg/l air.

**Eye Irritation Rabbits** Very mild irritant.



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<b>Skin irritation, Rabbits</b>	Non – irritant
<b>Sensitization</b>	Weak sensitization agent
<b>Carcinogenicity</b>	None
<b>Muta genicity</b>	None
<b>Reproductive Toxicity</b>	None

## 12.ECOLOGICAL INFORMATION

<b>LD<sub>50</sub>(96hrs) brown trout</b>	2.68 mg/l water.
<b>D<sub>50</sub>(24hrs) Daphnia manga</b>	1.39 ug/l water.
<b>Acute LD<sub>50</sub> Oral Birds</b>	17.7 mg//kg
<b>Bee Toxicity</b>	Toxic
<b>% Biodegradability</b>	95 in 1 year
<b>Sewage Toxicity</b>	Toxic.

## 13.DISPOSAL INFORMATION

Incineration or landfill in accordance with local regulations. Contaminated packing material should be treated as the product.

## 14.TRANSPORT INFORMATION

<b>UN Number</b>	3018
<b>Marine Pollutant</b>	Yes
<b>Packing Group</b>	III
<b>Packing Class</b>	6.1
<b>IMDG</b>	6219

## 15.REGULATORY INFORMATION

NONE

## 16.OTHER INFORMATION

NONE



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## PREPARED BY:

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