



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 Website : www.chemet.in

PRODUCT SAFETY DATA SHEET TEMEPHOS 50% EC

1. PRODUCT AND COMPANY IDENTIFICATION:

Trade Name	NOLAR 500 EC
Technical Name	TEMEPHOS 50% EC
Use	Commercial house hold Insecticide
Supplier	CHEMET WETS & FLOWS P. LTD Plot no. 129/c/2, GIDC Estate, Ankles war 393002 Tel: 91-2646 239490
Manufacturer	CHEMET WETS & FLOWS P. LTD Plot no. 129/c/2, GIDC Estate, Ankles war 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 ON INGREDIENTS

Ingredient	CAS No	percentage
Temephos EC	3383-96-8	50.0%

3. HAZARD IDENTIFICATION OF PREPARATION

None

4. FIRST AID MEASURES

Skin contact

Wash off with plenty of water.

Eye contact



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 Website : www.chemet.in

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

Inhalation

Expose immediately to fresh air and get medical attention.

Ingestion

Get medical attention immediately. Drink plenty of water. In case of vomiting, beware of suffocation. Do not induce vomiting, unless you are First aid staff. Give nothing by mouth in case of unconsciousness or convulsions.

5.FIRE-FIGHTING MEASURES

Suitable extinguishing Media

Dry powder, CO₂, Holon water spray, Foam.

Unsuitable Extinguishing Media

N/A

Fire & Explosion Hazards

Unknown fire and Explosion Hazards.

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 CONTROL/PERSONAL PROTECTION



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 Website : www.chemet.in

Technical protective measures	None
Exposure control limits	Avoid breathing toxic vapor.
Respiratory protection	Wear suitable mask
Hand protection	Wear suitable gloves
Eye protection	Wear suitable goggles or face protection
Skin protection	Wear overalls and closed foot ware

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Pale yellow to light brown.
Melting point	30°C (Technical)
Boiling point	120°C
Oxidizing Properties	NA
Odour	Aromatic Odour
Auto flammability	None
Density	1.10
Explosive property	Flammable
Solubility in water	25 pdb(T)
Flash point	Above 24.5°C
Auto ignition	NONE
Va pour pressure	.0000000717 mmHg (T)
PH of 1% solution	N/A
Partition coefficient	80900 water /Octane(T)

10. STABILITY AND REACTIVITY

Thermal stability	Decompose
Conditions to Avoid	Never heat above 49°C and also avoid local heating above this temperature.



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 Website : www.chemet.in

Materials to avoid	Alkaline metals and oxidizing agents.
---------------------------	---------------------------------------

Hazardous Decomposition products	Thermal decomposition products may include toxic oxides of Carbon, Sculpture and Phosphorous.
---	---

11. TOXICOLOGICAL INFORMATION (TAG)

Acute LD50 Oral Mice	4204 mg/Kg WHO Class –III
-----------------------------	---------------------------

Acute LD50 Dermal Rabbits	2181 mg/Kg Toxicity Class- III
----------------------------------	--------------------------------

Acute LD50 Inhalation (Rat,4hr)	Not Known
---	-----------

Eye Irritation Rabbits	Irritant
-------------------------------	----------

Skin irritation, Rabbis	Irritant
--------------------------------	----------

Sensitization	Weak Sensitization agent
----------------------	--------------------------

Carcinogenic	None
---------------------	------

Mutagen city	None
---------------------	------

Reproductive toxicity	None
------------------------------	------

12. ECOLOGICAL INFORMATION(TECHNICAL)

LC50 (96 hrs.) Brown trout	31.8 mg/l water
-----------------------------------	-----------------

LC50 (24 hrs.) Daphnie magna	0.88 ug/l water
-------------------------------------	-----------------

Acute LD50 ,Oral Birds	1200ppm
-------------------------------	---------

Bee Toxicity	1.5ug/bee
---------------------	-----------

% Biodegradability	95 in1 year
---------------------------	-------------

Sewage toxicity	Toxic
------------------------	-------

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

UN Number	3017
------------------	------



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 Website : www.chemet.in

Marine Pollutant	Yes
No.	6220
Packing instruction	III
Class	6.

15. REGULATORY INFORMATION

Classification	Harmful, Toxic
Risk Phrases	R22 Harmful if swallowed R25 Toxic to aquatic organisms R53 May cause long term adverse effects in the aquatic environment.
Safety phrases	S2 Keep out of reach of children S13 keep away from food, drink and animal feedings S36 Wear suitable protective clothing S56 Dispose of this material and its container to hazardous or special waste collection point. S62 if swallowed, do not induce vomiting, seek medical advice immediately and show this container label.

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:

CHEMET WETS & FLOWS P. LTD.

G-12, Hemkoot Building, B/H LIC Office,
Ashram Road, Ahmedabad-380 009
Gujarat, INDIA.

Contact: +91-79-26583242

E-mail: chemetank@gmail.com

Website: www.chemet.in