



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 OF DELTAMETHRIN 2.5% WP

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	CHEMOTHRINE
Technical name	DELTAMETHRIN 2.5% WP
Chemical Family	Pyrethroids
Supplier	CHEMET WETS & FLOWS P. LTD. 129/C-2, GIDC Ind. Estate, ANKLESHWAR-02 GUJARAT, INDIA
Manufacturer	CHEMET WETS & FLOWS P. LTD. 129/C-2, GIDC Ind. Estate, ANKLESHWAR-02 GUJARAT, INDIA
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 ON INGREDIENTS

Ingredient	CAS No	Conc. % w/w
Deltamethrin WP	52918-63-5	2.5

3. HAZARDS IDENTIFICATION

Main hazards and effects :	Toxic If Swallowed, Harmful By Inhalation..
Hazard Symbol/s	Toxic

4. FIRST AID MEASURES

EYES

Rinse Immediately With Clean Water For At Least 15 Minutes And Obtain Medical Aid.

SKIN

Remove Contaminated Clothing Immediately. Wash Affected Area Immediately With Soap And Water.

INHALATION



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Remove The Casualty Into Fresh Air And Keep Him Calm. Summon A Doctor Immediately.

INGESTION

Wash Out Mouth With Water.

Induce Vomiting :

1. If Medical Treatment Is Not Readily Available.
2. If Patient Is Fully Conscious.
3. If Time since Ingestion Less 1 Hour.

ADVICE TO PHYSICIAN

Symptomatic Treatment After Decontamination.

Local Contamination :

Skin: Apply Vitamin E Cream or Simple Toilet Milks.

Eye : Instillation Of Local Anesthetic Drops E.g. 1% Amethocaine

HYDROCHLORIDE

Eye Drops. Give Analgesics As Necessary.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Unsuitable

Extinguishing Media

Special Exposure Hazards

Protective Equipment For

Fire Fighting

Fire Fighting Guidance

From Heat And Flame If

System, Surface Or ground

Sprayed Water, DCP, CO₂ & Foam.

Do Not Use Jet Of Water From A Fire Hose,

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In Case Of Fire The Product Emits Toxic And Irritating Fumes.

Wear A Self-contained Breathing Apparatus. Wear Protective

Clothing.

Use Water Spray To Cool Containers Exposed To Fire. Keep Away

Possible. Avoid Rejection Of Extinguishing Water Into Drainage

Water. Do Not Breathe Fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Before Intervention Wear Protective Equipment. Avoid Contact With Contaminated Surfaces.

Chemical or Environmental precautions

Store The Material Collected. Prevent Entry Into Drains, Sewers And Watercourses.

Spillages Eventual and Water

Wear All Pre. Sweep And Shovel The Product In An Air-tight drum For Disposal. Rinse The Contaminated Area With A Large Quantity Of Cleaning Agent. *store The Washing Waters Into A Suitable Container.

7. HANDLING AND STORAGE

Handling precautions

Handle In A Closed System. Wear All Pre.



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Storage requirements

Keep In Original Containers, Tightly Closed At Ambient Temperatures.

Keep Protected From

Moisture. Keep Protected From Direct Sunlight. Keep At Ambient Temperature. Keep Away From Food, Drink And Animal Feeding stuffs. Keep Container Tightly Closed And In A Well-ventilated Place.

Technical Storage Measures

Use Local Exhaust Ventilation As Close As Possible To avoid breath. Provide An Ocular Shower And Sanitary Installations Near The Place Of work. Keep Only In The Original Container. Do Not Re-use Empty Containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standards

Engineering Control	Mechanical Sucking Ventilation At Sources Of Formation Of Dust during Process
Standards	An Ocular Shower And Sanitary Installations Near The Place Of Work
Respiratory Protection	Use Dust Mask
Hand Protection	Use Rubber Gloves
Eye Protection	Use Safety Goggles
Others	Use Protective Clothing
Other Information	Eye Wash & Safety Shower

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Water Liquid
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OTHER PROPERTIES

Density	1.04/cm ³
Oxidizing Properties	React with strong oxidizer
Dust Explosion Data	St1

10. STABILITY AND REACTIVITY

Stability Conditions to avoid

Stable Under Normal Temperature And Pressure. On Combustion Produces Carbon Oxides & Nitrogen Oxides (thermal Decomposition) When Heated It Emits Toxic Fumes Of Br, Cn, & No₂, Hence Keep Away From Source Of Ignition And Heat. Materials to Avoid Not applicable.



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11. TOXICO LOGICAL INFORMATION.

LD 50 Oral Rat	> 5000 mg / kg
LD 50 Dermal Rat	> 2000 mg / kg
Carcinogenicity	Not Carcinogenic
Genotoxicity	Not Teratogenic and Mutagenic.
Reproductive Toxicity	Not Teratogenic
Other Information	Some Cutaneous Sensations Occur, Such As Burning, Stinging Sensations On The Face And Mucosa, Without Lesions And Transient Some Hours, Maximum 24 H

12. ECOLOGICAL INFORMATION

Mobility	Fixed in most soils.
Persistence/ degradability	Not Available
Bio-Accumulation	Not Available
Aquatic Toxicity	Aqua Toxic
Other Toxicity	Not Available

13. DISPOSAL CONSIDERATION

Product Disposal Incineration In Accordance With The Local Waste Regulation Authority do Not Discharge Washing Waters In Public Sewers And Water Sources (ponds, Streams...)

Container Disposal	Make The Container Unusable. disposal Must Be Treated According To Official Regulation
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14. TRANSPORT INFORMATION

By Sea/Air:

Shipping Name	Synthetic Pyrethroids, Solid, Toxic (Deltamethrin 2.5%)
UN Number	3349
Packing Group	III
Class	6.1
Mark	Marine pollutant

15. REGULATORY INFORMATION

NONE

16. OTHER INFORMATION

NONE.

DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in



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