



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet

Tricyclazole 75% WP

1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name : Tricyclazole 75% WP
Chemical Name : 5-methyl-1, 2, 4-triazolo [3, 4-b] benzothiazole
Users : Fungicide
Molecular Formula : C₉H₇N₃S
Manufacturer : SHREEJI PESTICIDES PVT LTD.
Address : Plot No. 69/P, Village - Manjusar, Tal. Savli, Dist. Vadodara - 391775
Gujarat, India :
Tele Fax Number 91 2667 264701

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | Percent or content (w/w) |
|-------------------|------------|--------------------------|
| Tricyclazole a.i. | 41814-78-2 | 75.00 % |
| Other ingredients | -- | 25.00 % |

3. HEALTH HAZARDS IDENTIFICATION

Eyes Slight irritant to the eye
Skin Nonirritant to the skin.
Ingestion No specific health effects are known for ingestion of a small amount incidental to routine hand use.
Inhalation Animals exhibited nasal irritation, tremor and convulsions. Possible lung irritant with heavy inhalation.

4. FIRST AID MEASURES

Eye contact : Immediately rinse eyes with a large amount of running water. Hold eyelids apart to rinse the entire surface of the eyes and lids.
Skin contact : Wash with plenty of soap and water, including hair and under fingernails. Do not apply any medicating agents except on the advice of a physician. Remove contaminated clothing and decontaminate prior to use.
Inhalation : Move the victim from contaminated area to fresh air. Apply artificial respiration if necessary, preferably by mechanical means. Avoid mouth to mouth resuscitation.



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Ingestion : If swallowed, induce vomiting immediately as directed by physician. Never give anything by mouth to an unconscious person. Seek medical attention immediately

Medical instructions : Note to Physician: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to the reactions of the patient.

5. FIRE FIGHTING MEASURES

Flash point : Not applicable

Method used : Not applicable

Fire and Explosion

Hazards : Toxic, irritating fumes may be formed under conditions.

Suitable extinguishing

Media : Use water, CO₂, dry chemical, foam

Protective Equipment

For firefighting : Wear positive-pressure, self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

In case of spill or Leak: Wear chemical goggles or a full face shield, rubber gloves, rubber boots, long sleeved shirt, long pants, head covering and chemical cartridge respirator with organic vapor cartridges or use a self-contained breathing apparatus. For small spills cover with an absorbent material such as per litter. Sweep up and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

7. HANDLING AND STORAGE

Ventilation : Laboratory fume hood or local exhaust ventilation.

Storage information : Store the material in a well- ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Special Instructions for

Storage : Store the product in closed original containers. Protect from light.



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Storage Compatibility

With other products : Store separately from feed, food and stimulants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Breathing Protection : Use respirator or laboratory fume hood. In production settings, airline supplied hood-type respirators are preferred to provide face, eye and respiratory protection. Shower and change clothing if skin contact occurs

Eye protection : Goggles or appropriate respirator

Skin Protection : Impervious gloves and body covering to prevent skin covering

Ingestion : Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Off white to Red fine powder

Powder Odor : Non-appreciable odour

Boiling point : Not applicable

Vapour pressure : 0.027 m Pa (25oC)

Flammability : Flammable

pH : 5.0 to 7.0

Corrosive properties : Non corrosive

Solubility in water : Disperse in water

Specific gravity : Non-applicable

Bulk density : 0.3 to 0.4 g/cm³

10. STABILITY AND REACTIVITY

Stability : Stable under normal storage conditions

Incompatibility : None known

Hazardous

Polymerization : Will not occur.

Hazardous

Decomposition

Products : Will produce carbon monoxide, mercaptan or hydrazine derivatives if heated to



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decomposition or when involved in a fire.

11. TOXICOLOGICAL INFORMATION

| | |
|--------------------|---|
| Acute oral | : LD50 (rats) 314 mg/kg LD50 (mice) 245 mg/kg |
| Dermal | : LD50 (Rabbits) >2000 mg/kg b.w |
| Inhalation | : LC50 (rats): 250 mg/m ³ . No adverse effects anticipated by this route of exposure incidental to proper handling.. |
| Skin irritation | : Rabbit: Non irritant |
| Eye irritation | : Rabbit: Mild irritant |
| Skin sensitization | : Guinea pig: Non-sensitizer |

12. ECOLOGICAL INFORMATION

| | |
|-------|--|
| Birds | : Acute oral LC50 (8 d) for Mallard ducks and Bobwhite quail: >100 mg/kg |
| Fish | : LC50 (96 h) for Bluegill sunfish 16.0 mg/l, Rainbow trout 7.3 mg/l |
| Bees | : Acute oral LD50 > 88.5 µg/bee Acute contact LD50 > 100 µg/bee |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------|--|
| Waste Disposal Method | : Dispose of any cleanup materials and waste residue according to applicable federal, state and local regulations. Avoid contamination of water sources. |
|-----------------------|--|

14. TRANSPORT INFORMATION

| | |
|----------------------------|-----------------------------------|
| Rail/Road (RID/ADR) | |
| Proper Shipper Name | : PESTICIDE, SOLID, TOXIC, N.O.S. |
| Class | : 6.1 |
| UN No. | : 2588 |
| | |
| Packing Group | : III |
| Sea (IMDG – Code) | |
| Proper Shipper Name | : PESTICIDE, SOLID, TOXIC, N.O.S. |
| Class | : 6.1 |



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UN No. : 2588
Packing Group : III
Air (ICAO/IATA)
Proper Shipper Name : PESTICIDE, SOLID, TOXIC, N.O.S.
Class : 6.1
UN No. : 2588
Packing Group : III

15. REGULATORY INFORMATION

| | | |
|---|----------------------------|--|
| EU- Classification Hazard Symbol | Xn | Harmful |
| Special Risks (R-Phrases) | R21/22 R40 | Harmful in contact with skin and if swallowed Limited evidence of a carcinogenic effect |
| Safety Advice (S- Phrases) | S2 S13 S22 S36/37 | Keep out of the reach of children Keep away from food, drink and animal feeding stuffs Do not breathe dust Wear suitable protective clothing and gloves |
| International WHO Toxicity Classification | II | Moderately toxic |

16. OTHER 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 we 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 we have been advised of the possibility of such damages.