

Sharda Worldwide Exports Pvt. Ltd
DOMNIC HOLM, 29TH ROAD, BANDRA (WEST), MUMBAI - 400 050
TEL: 0091-22-5678 2800 , FAX: 0091-22-5678 2808,
EMAIL: shardain@vsnl.com , Website:
<http://www.shardaintl.com>
(AN ISO 9002 COMPANY)

MATERIAL SAFETY DATA SHEET OF TEBUCONAZOLE SHARDA 25 EW

1. Identification of the substance /preparation and the company
Product Name: Tebuconazole 250 EW
Chemical Name:
(RS)-1-p-chlorophenyl-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)pentan-3-ol
Chemical Family: Triazole
Formula: C₁₆H₂₂ClN₃O
Product Use: Fungicide
Supplier: Sharda International
2. Composition / information on ingredients

Composition	Percent	CAS
Tebuconazole	250	
107534-96-3		
3. Hazards identification:
Harmful if swallowed. Risk of serious damage to eyes.
4. First-aid measures
Remove victims from the danger zone. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. After eye contact rinse thoroughly with water. Call doctor immediately.
5. Fire-fighting measures
Extinguishing media : sprayed water jet, foam, extinguishing powder, CO₂, sand.

Measure to be taken in case of fire:
Fight fire in early stages if safe to do so.
Observe ventilated precautions:
Well ventilated areas: Full face mask with a suitable filter combination, of a type approved by the Health and Safety Executive.
Enclosed premises : respirator with independent air supply.
Contain firefighting water.
6. Accidental release measures
Use the personal protective equipment listed in Chapter 8 . Prevent entry in to drains, water or soil. Take up spilled product with absorbent material (e.g. sawdust, peat, chemical binder). Fill materials taken up into closable container. To clean the floor and all objects contaminated by this material ,use damp cloth . Also place used cleaning material into closable receptacles.

NB. Inform this local water plc immediately if spillage enters drains and

Sharda Worldwide Exports Pvt. Ltd
DOMNIC HOLM, 29TH ROAD, BANDRA (WEST), MUMBAI - 400 050
TEL: 0091-22-5678 2800 , FAX: 0091-22-5678 2808,
EMAIL: shardain@vsnl.com , Website:
<http://www.shardaintl.com>
(AN ISO 9002 COMPANY)

the national Rivers Authority or River Purification Boards if it enters surface or ground water. If the product has entered a watercourse or sewer, or has grossly contaminated soil or vegetation in a public place, advise the police.

7. Handling and storage

Store in dry place. Avoid product temperatures above 40oC , and below -10 oC. Keep locked away so that only authorized persons have access. Keep away from food, drink and animal feeding stuffs.

8. Exposure controls / Personal protection
For exposure controls see Chapter 15

Respiratory protection: Full mask with filter ABEK -P2
Further details of selection and use of respiratory protective equipment is available in the form of a Health and Safety Executive publication.
Respiratory protective gloves for chemicals guide for users. (ZH1/134)
Hand protection : Protective gloves for chemicals (nitrile, minimum thickness 0.5 mm, preferably in gauntlet form to give additional protection to the forearm).

9. Physical and chemical properties

From	:	Liquid, slightly turbid
Colour	:	Yellowish
Odour	:	Slight characteristic smell
Density	:	Approx. 1,00 g/cm ³ at 20oC
Solubility in water	:	Emulsifiable
Ph value	:	5-9 (undiluted)
Flash point	:	No flash point up to 100 oC Not determinable due to boiling at higher temperatures.

10. Stability and reactivity

Hazardous reactions :
Combustion gases : In the event of fire , the formation of
hydrogen chlorides, Hydrogen cyanide, carbon monoxide and
nitrogen oxides much be anticipated.

11. Toxicological information:

Acute toxicity :
LD50 oral , rat : approx . 1650 mg/kg
LD50 dermal , rat : approx . 3000 mg/kg

Irritation of the skin/rabbit : slightly irritant
Irritant to the mucous membranes/rabbit : severely irritant * does not necessitate labeling

Sharda Worldwide Exports Pvt. Ltd
DOMNIC HOLM, 29TH ROAD, BANDRA (WEST), MUMBAI – 400 050
TEL: 0091-22-5678 2800 , FAX: 0091-22-5678 2808,
EMAIL: shardain@vsnl.com , Website:
<http://www.shardaintl.com>
(AN ISO 9002 COMPANY)

Poisoning Symptoms/Treatment: Symptoms of poisoning have not been recorded.
There is no specific antidotal treatment. Therapy should therefore be symptomatic.

: 3 :

12. Ecological information
Fish toxicity : (active ingredient)
LC50 : 8,7 mg/l (96 h) ; Golden orfe (*Leuciscus idus*)
LC50 : 6,4 mg/l (96 h) ; rainbow trout (*Salmo gairdneri*)
LC50 : 5,7 mg/l (48 h); (*Lepomis macrochirus*)

Toxicity for Daphnia : (active ingredient)
LC50 : 11,8 mg/l (48 h); Water flea (*Daphnia magna*)
13. Disposal considerations:
Package product wastes. Close and label the waste receptacles and , like-wise, any uncleaned empty containers. Dispose of them at a suitable waste incineration plant in accordance with the official regulations. Where large quantities are concerned, consult the supplier.
14. Transport information
GGVSee/IMDG Code: -- UN No.: -- MFAG :-- EmS : --
PG : -- MPO : ---
GGVE/GGVS: Class -- No. -- RID/ADR: No. ----
Class

Declaration for land shipment : --
Declaration for shipment by air : ----
Other information :
Not dangerous cargo. Slightly smelling. Avoid temperatures below – 10oC
Irritating to the eyes. Keep separated form foodstuffs.
15. Regulatory information
Product label conforms to the control of Pesticides Regulations 1986.
MAFF 06386
R 22 : Harmful if swallowed.
R 41 : Risk of serious damage to eyes
N-methyl-2-pyrrolidone m:
Occupational Exposure Standard (OES) : 100 ppm (4700 mg/m3)
All ingredients are either existing chemicals as defined by the relevant EC Directives or new chemicals approved for use as active ingredients in crop protection agents.
16. Other information

Sharda Worldwide Exports Pvt. Ltd
DOMNIC HOLM, 29TH ROAD, BANDRA (WEST), MUMBAI - 400 050
TEL: 0091-22-5678 2800 , FAX: 0091-22-5678 2808,
EMAIL: shardain@vsnl.com , Website:
<http://www.shardaintl.com>
(AN ISO 9002 COMPANY)

Emulsion, oil in water

Application: fungicides

Pack : 1 L Polybottle (10 per case .) Pallet Factor : 650 bottles

Pack : 2 L Polybottle (5 per case) Pallet Factor : 360 bottles

Pack : 5 L Polycan (4 per case.) Pallet Factor : 156 cans

Pallets / Stack : 2

Gross wt/pallet: 870 kg; Case 13 kg

Gross wt/pallet : 888 kg; Case 12 kg

Gross wt/pallet : 920 kg; Case 23 kg

Address in case of poisoning, fire or damage.

Sharda Worldwide Exports Pvt. Ltd.

DOMNIC HOLM, 29TH ROAD, BANDRA (WEST),

MUMBAI- 400050,INDIA

TEL: + 91 22 5678 2800 ,

FAX: + 91 22 5678 2828,+ 91 22 5678 2808

The data given here is based on current knowledge and exsperience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does nto signify any warranty with regard to the products'[properties.