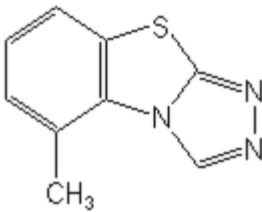


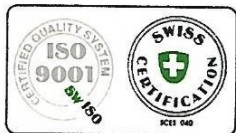
TRICYLAZOLE TECHNICAL

Description of Technical

Tricyclozole is a fungicide used mainly for prolonged control of rice blast.

| | | |
|---------------------------|---|--|
| Common Name | : | Tricyclozole |
| IUPAC Name | : | 5-methyl-1,2,4-triazolo[3,4-b][1,3]benzothiazole |
| C.A. Name | : | 5-methyl-1,2,4-triazolo[3,4-b]benzothiazole |
| Chemical Family | : | Triazolobenzothiazole |
| Structural Formula | : |  |

| | | |
|----------------------------|---|--|
| Empirical formula | : | C ₉ H ₇ N ₃ S |
| Molecular Weight | : | 189.24 |
| C.A.S. No. | : | 41814-78-2 |
| Physical State | : | Peach coloured granular solid |
| Melting Point | : | 185.9 °C |
| Density | : | 1.4 g/ml |
| Odour | : | Odourless |
| Vapour Pressure | : | 0.027 mPa at 25 °C |
| Flash Point | : | 230 °C |
| Explosion Hazard | : | Non- explosive |
| Solubility in water | : | 596 mg/l ; Low |
| Stability | : | Stable at 52 °C. Relatively stable to UV light |



TRICYCLAZOLE TECHNICAL

Sales Specification

| | | |
|-------------------------------------|---|--|
| Tricyclazole content by mass | : | 95% Min. |
| Moisture content | : | 0.4% Max. |
| Packing | : | LDPE sacks of capacity upto 100 kg, further packed into FB drums. |
| Transportation information | : | UN No. 2588 Class 6.1 Pesticide, solid, toxic, N.O.S Packing Group II |

TOXICOLOGICAL PROFILE

| | | | |
|--------------------------------|---|--------|-------------------------|
| LD50 acute oral | : | Rat: | 314 mg/kg |
| LD50 acute Percutaneous | : | Rabbit | >2000 mg/kg |
| LC50 inhalation (1hr) | : | Rat | 0.146 mg/m ³ |
| Skin irritation | : | Rabbit | Non Irritant |
| Eye irritation | : | Rabbit | Slightly irritant |
| Skin Sensitization | : | Rabbit | non-sensitizer |