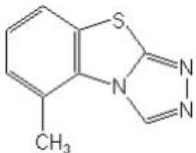


TECHNICAL DATA SHEET OF

Tricyclazole 95% TC

Chemistry identity	
Common name	Tricyclazole 95% TC
IUPAC name	5-methyl-1,2,4-triazolo[3,4-b][1,3]benzothiazole
CAS No	41814-78-2
Structure Formula	
Mode of action	Tricyclazole inhibits polyhydroxynaphthalene reductase enzyme and thus inhibiting melanin formation in fungi(<i>Pyricularia grisea</i>)
Physical and chemical properties	
Appearance	White to light yellow powder
Content	95%
pH	NA
Density	NA
Solubility in water	NA
Mammalian toxicity	
Acute oral	LD ₅₀ 314 mg/kg
Acute dermal	LD ₅₀ for rats >2000 mg/kg
Acute inhalation	LC ₅₀ (1 h) for rats >0.146 mg/L
Environment fate	<p>Plants The principal metabolite in plants is the hydroxymethyl analogue.</p> <p>Soil / Environment Kd4 (loamy sand, pH 6.5, 1.5% o.m.), 45 (loam, pH 5.7, 3.1% o.m.), 21 (clay loam, pH 7.4, 1.9% o.m.), 22 (silty clay loam, pH5.7, 4.1%o.m.).</p>
Handling and storage	<p>Handling: Keep out of reach of children. Avoid contact with skin and eyes, and do not inhale dust or spray mist. Use only in a well-ventilated area.</p> <p>Storage: 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.</p>
Package	25kg drum or customized package