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Version 04

Specification

11.01.2002

Code No. 05630

3,4-Dichloro-PMT

CAS No. 63684-99-1

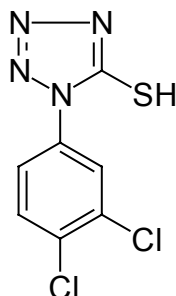
EEC No. 264-414-5

HS No. 29339990

Chemical Name

1-(3,4-Dichlorophenyl)-5-mercaptopotetrazole
1-(3,4-Dichlorophenyl)-1H-tetrazole-5-thiol

Structure



Molecular Formula

$C_7H_4Cl_2N_4S$

Molecular Weight

247,11

Product Properties

Appearance	White to slight-yellowish fibrous crystalline powder
Assay (%)	≥ 98,0 (TBAH)
Assay (%)	≥ 98,5 (HPLC)
Melting point (°C)	148 - 152 (DSC)
Loss on drying (%)	≤ 1,0
3,4-Dichloroaniline (%)	≤ 0,5 (HPLC)
Sulfated ash (%)	≤ 0,5
Solubility (1% in EtOH)	clear, slight-yellowish, no residue

Safety Data

R: 11

S: 15-33

F - Highly flammable

Storage

Cool, dry, tightly closed

Application

Stabilizer and antifogging agent in photography

Changes in comparison to previous issue: Safety data; HS-No.