



# STRATECHEM (I) PVT. LTD.

92 Venus Altamount Rd, Mumbai 400 034.

Tel: +91(22)66627509. Fax:66624572.

<b>PARA THIOCRE SOL</b>	
<b>Toluene Parathiol – 4 – Toluenethiol – p –Tolylmercaptan</b>	
<b>SPECIFICATION</b>	White to yellow fused solid Setting Point not below 40.4°C Water content not more than 1%
<b>TARIFF HEADING</b> 29.31	$\text{CH}_3\text{C}_6\text{H}_4\text{SH}$ <b>CAS Number</b> : 106-45-6 <b>Molecular Weight</b> : 124 <b>Empirical Formula</b> : $\text{C}_7\text{H}_8\text{S}$
<b>DESCRIPTION AND PHYSICAL PROPERTIES</b>	<b>Odour</b> : Characteristic, offensive smell <b>Physical State</b> : Fused Solid <b>Boiling Point</b> : 195°C/760 mm Hg 125°C/100 mm Hg 71°C/10 mm Hg <b>Melting Point</b> : 42-3°C <b>Specific Gravity</b> : 1.02 (50°C) <b>Flash Point</b> : 68°C (Closed Cup) <b>Auto Ignition temperature</b> : Not known <b>Explosive Limits in Air</b> : Not known <b>Solubility in Water</b> : Insoluble <b>Solubility in Ethanol</b> : Soluble <b>Solubility in Diethyl Ether</b> : Very Soluble.
<b>USES</b>	An intermediate in the manufacture of dyeline chemicals, printing inks, and Pharmaceutical chemicals, peptizing agent in rubber.
<b>PACKAGING</b>	Materials supplied in HDPE/Steel drums with net weights of either 25/50 or 200 kilos.
<b>STORAGE</b>	Facilities should be located in areas isolated from all sources of fire and excessive heat. Store under nitrogen blanket in cool area.
<b>ACUTE AND CHRONIC TOXIC EFFECTS</b>	Toxic by inhalation, in contact with skin, and if swallowed. Irritant to skin and eyes. Danger of cumulative effects. Can cause headaches, dizziness, and cyanosis. If in contact, seek medical advice.
<b>HANDLING REQUIREMENTS</b>	Rubber or plastic gloves, apron, and boots should be worn, together with goggles, giving total eye protection. Care should be taken to avoid inhalation of the vapor or dust.