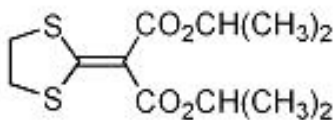


TECHNICAL DATA SHEET OF

Isoprothiolane 40% EC

Chemistry identity	
Common name	Isoprothiolane 40% EC
IUPAC name	diisopropyl 1,3-dithiolan-2-ylidenemalonate
CAS No	50512-35-1
Formula structure	
Physical and chemical properties	
Appearance	Light yellow homogeneous liquid
Content	40% EC (w/v)
pH	5.0~8.0
Density	NA
Solubility in water	Emulsifiable in water
Mammalian toxicity	
Acute oral	LD ₅₀ for rat >2000mg/kg (Calculation)
Acute dermal	LD ₅₀ for rats >5000 mg/kg (Calculation)
Acute inhalation	LC ₅₀ (4 h) for rats > 5 mg/L (Calculation)
Environment fate	LC ₅₀ (48 h) for rainbow trout 6.8 mg/l; (96 h) for carp 11.4 mg/l. This product is toxic to aquatic life. Soil DT ₅₀ (paddy condition) 326 d; DT ₅₀ (aerobic) 82 d.
Handling and storage	<p>Handling: Avoid contact with skin, eyes and clothing; material may be an irritant.</p> <p>Storage: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces.</p> <p>Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.</p>
Package	200 L drum or customized package