

SPECIFICATION OF CHLORPYRIPHOS METHYL TECHNICAL

Common Name	:	Chlorpyrifos-methyl
Chemical Name	:	O,O - dimethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate
CAS No.	:	5598-13-0
Molecular Formula	:	C ₇ H ₇ Cl ₃ NO ₃ PS
Molecular Weight	:	322.5
Pesticide Class	:	Organophosphorous
Appearance	:	Yellow solid free from extraneous matters
Chlorpyrifos Content % Weight/ Weight	:	Min 97%
Acidity as H ₂ SO ₄	:	Max 0.1%
Moisture Content	:	Max. 0.1%
Material Insoluble in Acetone % by Mass	:	Max.0.5 %
Melting Point	:	45.5 - 46.5° C
Solubility	:	In water 2.6 mg/l (20 °C). In acetone > 400, methanol 190, hexane 120 (all in g/kg, 20 °C)
Toxicity A.I	:	Acute Oral Rat LD ₅₀ : > 3000 mg/ kg Acute Dermal Rabbit LD ₅₀ : > 2000 mg/ kg
Compatibility	:	Incompatible with alkaline and strongly acidic materials
Packing	:	250 kg Composite Metal / HDPE Drums
Shelf Life	:	2 Years

For Devidayal (Sales) Ltd.,