

SPECIFICATION OF CHLORPYRIPHOS TECHNICAL

Common Name	:	Chlorpyrifos
Chemical Name	:	O,O - diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate
CAS No.	:	2921-88-2
Molecular Formula	:	C ₉ H ₁₁ Cl ₃ NO ₃ PS
Molecular Weight	:	350.6
Pesticide Class	:	Organophosphorous
Appearance	:	White to Off white solid free from extraneous matters
Odour	:	A mild mercaptan odour
Chlorpyrifos Content % Weight/ Weight	:	Min 98%
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	:	42 - 43.5° C
Toxicity a.i	:	Acute Oral Rat LD ₅₀ : 135-163 mg/ kg Acute Dermal Rabbit LD ₅₀ : > 5000 mg/ kg
Compatibility	:	Incompatible with alkaline material.
Packing	:	250 / 283.5 kg Epoxy Coated M.S.Drums
Shelf Life	:	2 Years

for DEVIDAYAL (SALES) LIMITED