

SPECIFICATION OF PERMETHRIN TECHNICAL

Common Name	:	Permethrin
Chemical Name	:	3-phenoxy benzyl (1RS)-cis-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane carboxylate
CAS No.	:	52645-53-1
Molecular Formula	:	C ₂₁ H ₂₀ Cl ₂ O ₃
Molecular Weight	:	391.3
Pesticide Class	:	Synthetic Pyrethroid insecticide
Appearance	:	Yellowish brown viscous liquid free from extraneous matters
Permethrin Content % Weight/ Weight	:	Min 92%
Acidity as H ₂ SO ₄	:	Max 0.2%
Moisture Content	:	Max. 0.1%
3 - phenoxy benzyl alcohol content, % by mass	:	Max.2.0 %
Cis: trans isomer	:	Cis - min. 25, max. 60
Toxicity a.i	:	Acute Oral Rat LD ₅₀ : > 500 mg/ kg Acute Dermal Rabbit LD ₅₀ : > 2000 mg/ kg
Compatibility	:	Incompatible with alkaline compounds
Packing	:	25, 50 & 200 kg Epoxy Coated M.S.Drums
Shelf Life	:	2 Years

For Devidayal (Sales) Ltd.,