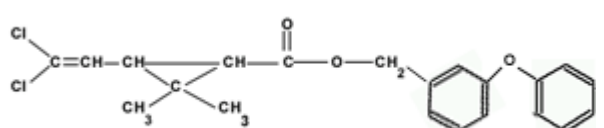


PERMETHRIN TECHNICAL

Active Ingredient	92% Min												
Cistrans	As per requirement												
Chemical Family	Synthetic Pyrethroid												
Chemical Name	3 Phenoxy Benzyl (1RS,3RS,1RS,3SR)-3- (2,2 – Dichlorovinyl) – 2,2 – Dimethyl) Cyclopropanecarboxylate												
Empirical Formula	C ₂₁ H ₂₀ Cl ₂ O ₃												
Structural Formula													
Molecular Weight	391.3												
Appearance	Yellow Brown to Brown Viscous Liquid												
Odour	Pleasant												
Specific Gravity	1.214 at 25°C												
Vapour Pressure	1.3µ Pa.												
Solubility	Water – 0.2 mg/lit a 30°C. Soluble or miscible with most organic solvents; Acetone 450 g/lit; hexane (> 1 kg / kg); methanol (258 g / kg); Xylene (>1 kg / kg)												
Stability	Permethrin is stable to heat & light. It is more Resistant in acidic media than alkaline with Optimum stability at pH4.												
Toxicity	<table border="0"> <tr> <td>Route</td> <td>Species</td> <td>I.D 50 in mg / kg of body weight</td> </tr> <tr> <td>Oral</td> <td>Rat</td> <td>1200(corn oil)</td> </tr> <tr> <td></td> <td></td> <td>1725(water)</td> </tr> <tr> <td>Dermal</td> <td>Rat</td> <td>400 (Water)</td> </tr> </table>	Route	Species	I.D 50 in mg / kg of body weight	Oral	Rat	1200(corn oil)			1725(water)	Dermal	Rat	400 (Water)
Route	Species	I.D 50 in mg / kg of body weight											
Oral	Rat	1200(corn oil)											
		1725(water)											
Dermal	Rat	400 (Water)											
Antidote	Aspiration. Administer intravenous Phenobarbital, Diphenyl hydantoin or their combinations												
Packing	25 kg / 50kg UN approved Epoxy Lacquered Mild Steel Drums												
UN No.	3352												
IMCO No.	6.1												
CAS No.	52645-53-1												

Manufactured by :

Tagros Chemicals India Ltd.

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