

Tagros Chemicals India Limited

"Jhaver Centre" 4th Floor, R. A. Building, 72, Marshalls Road, Egmore, Chennai – 600008 INDIA

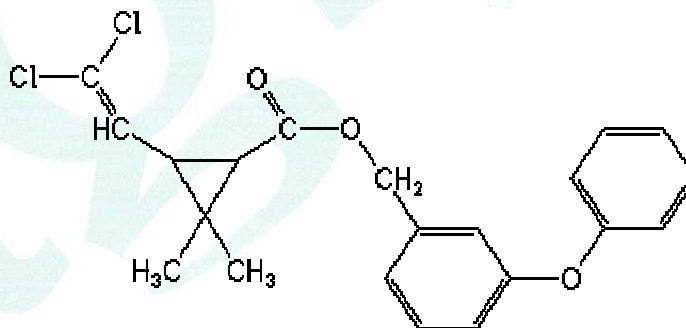
Phone: (91) 44 42007400 Fax: (91) 44 28587873

E-mail: info@tagros.com Website: www.tagros.com

PRODUCT SPECIFICATION

PERMETHRIN TECHNICAL

Permethrin a. i.	:	93.0 % w/w min
Cis: Trans Ratio	:	25:75
Chemical Family	:	Synthetic Pyrethroid
Chemical Name	:	3-Phenoxybenzyl (1RS, 3RS; 1RS, 3SR)-3-(2, 2-dichlorovinyl)-2, 2-Dimethylcyclopropanecarboxylate
Empirical Formula	:	C ₂₁ H ₂₀ Cl ₂ O ₃
Structural Formula	:	



Molecular Weight	:	391.3
Appearance	:	Yellow-brown to brown viscous liquid
Odour	:	Mild characteristic
S.g/density	:	1.21 ± 0.002
Vapour Pressure	:	0.749 mPa at 20°C

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Solubility : In water: 0.18 ± 0.01 mg/l, Xylene > 1000 g/kg, Hexane > 1000 g/kg, Methanol 257 g/kg

Toxicity	Route	Species	LD ₅₀ (mg / Kg of body weight)
	Oral	Rat	>2000 mg/kg
	Dermal	Rat	> 2000 mg/kg

Antidote : There is no specific antidote. Treatment must be symptomatic.

Packing : 25, 50, 200 liter Narrow Mouth Epoxy coated MS Drum

UN Number : 3352

UN packaging group : III

UN Class : 6.1