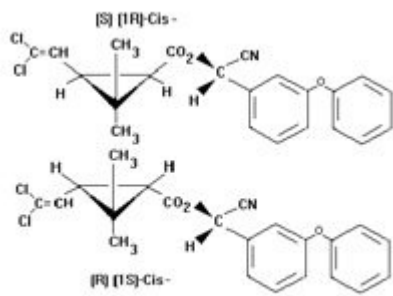


ALPHA CYPERMETHRIN TECHNICAL

Content by Mass	97% Min											
Chemical Family	Synthetic Pyrethroid.											
Chemical Name	(1a(S*),3a -(±)-Cyano-(3-phenoxyphenyl) Methyl 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate											
Empirical Formula	C ₂₂ H ₁₉ NO ₃ Cl ₂											
Structural Formula												
Molecular Weight	416.3											
Appearance	White to pale yellow powder											
Odour	Weak aromatic odour.											
Vapour Pressure	23μ Pa (20°C)											
Solubility	In water 0.01 mg / lit.at 25°C. In Acetone 620, Dichloromethane 550, Cyclohexanone 515, Ethyl Acetate 440, Chlorobenzene 420, Acetophenone 390, o-Xylene 350, Hexane 7 (all in g/lit at 25°C)											
Stability	Very stable in neutral and acidic media. Hydrolysed in strongly alkaline media. Thermally Stable upto 220°C. Field data indicate that in Practice it is stable to air and light											
Toxicity	<table border="0"> <tr> <td>Route</td> <td>Species</td> <td>LD 50 mg / kg of body weight</td> </tr> <tr> <td rowspan="2">Oral</td> <td>Rat</td> <td>80-400 (in corn oil)</td> </tr> <tr> <td></td> <td>> 5000 (in aqs.suspension 50%)</td> </tr> <tr> <td>Dermal</td> <td>Rat</td> <td>> 2000</td> </tr> </table>	Route	Species	LD 50 mg / kg of body weight	Oral	Rat	80-400 (in corn oil)		> 5000 (in aqs.suspension 50%)	Dermal	Rat	> 2000
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Oral	Rat	80-400 (in corn oil)										
		> 5000 (in aqs.suspension 50%)										
Dermal	Rat	> 2000										
Antidote	If ingested give gastric lavage with care to prevent aspiration. Administer intravenous Phenobarbital, Diphenyl hydantoin or their combinations											
Packing	50 kg UN approved Galvanised Iron Drums. Alternate mode of packing also available											
UN No.	3349											
IMCO	6.1											
CAS No.	67375-30-8											

Manufactured by :

Tagros Chemicals India Ltd.

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