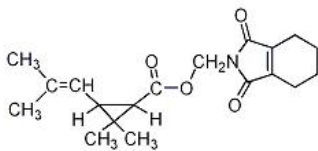


TECHNICAL DATA SHEET OF

Tetramethrin 92% TC

Chemistry identity	
Common name	Tetramethrin 92% TC
IUPAC name	cyclohex-1-ene-1,2-dicarboximidomethyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate Alts: cyclohex-1-ene-1,2-dicarboximidomethyl (±)-cis-trans-chrysanthemate; 3,4,5,6-tetrahydrophthalimidomethyl (±)-cis-trans-chrysanthemate Roth: cyclohex-1-ene-1,2-dicarboximidomethyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate
CAS No	7696-12-0
Formula structure	
Physical and chemical properties	
Appearance	White to light yellow powder or small lumps
Content	92% min.
pH	NA
Solubility	In water 1.83 mg/l (25 ° C)
Mammalian toxicity	
Acute oral	LD ₅₀ for rats >5000 mg/kg
Acute dermal	LD ₅₀ for rats >2000 mg/kg.
Acute inhalation	LC ₅₀ (4 h) for rats >2.73 mg/l air
Environment fate	<p>Animals In rats, following oral administration, around 95% of tetramethrin (metabolised) is eliminated in the urine and faeces within 5 days. The principal metabolite is 3-hydroxycyclohexan-1,2-dicarboximide. Soil/Environment Degradation involves cleavage of the ester bond, leading to chrysanthemic acid derivatives and phenoxybenzoic acid. These are further metabolised by hydroxylation and conjugation.</p>
Handling and storage	<p>Storage: Do not store this material near food, feed or drinking water. Store in a well ventilated area. Store in a dry area. Do not allow this product to become wet or overheated in storage; decomposition, impaired activity or fire may result.</p> <p>Handling: Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.</p>
Package	1kg bag or customized package