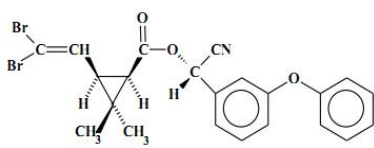


TECHNICAL DATA SHEET OF

Deltamethin 98% TC

Chemistry identity	
Common name	Deltamethin 98% TC
IUPAC name	(S)- -cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropane carboxylate
CAS No	52918-63-5
structure Formula	
Physical and chemical properties	
Appearance	White to off-white powder
Content	98%
pH	NA
Density	NA
Solubility in water	<0.2 μg/l (25 °C).
Mammalian toxicity	
Acute oral	LD ₅₀ for rats >100 mg/kg
sAcute dermal	LD ₅₀ for rats >2000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats >0.60 mg/L
Environment fate	<p>Rats: Elimination of the compound occurs within 2 to 4 days of administration. The phenyl ring is hydroxylated, the ester bond hydrolysed and the acid moiety is eliminated as the glucuronide and glycine conjugate.</p> <p>Plants: no uptake through the leaves and roots, is not systemic. No major metabolites except in oily crops, where trans-deltamethrin is part of the residue definition.</p> <p>Soil: deltamethrin undergoes microbial degradation within 1 to 2 weeks. Strong absorption by soil colloids occurs and no risk of leaching.</p>
Handling and storage	<p>Handling: Keep away from food, drink and animal feeding stuffs. Avoid contact with skin and eyes.</p> <p>Storage: Store in a dry well ventilated place away from sources of heat and direct sunlight. Store at ambient temperatures.</p>
Package	25kg drum or customized package