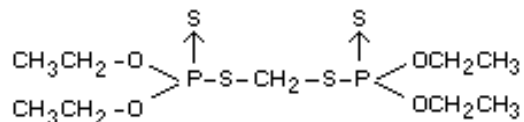


FENVALERATE TECHNICAL

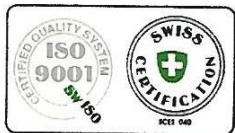
Description of Technical

An insecticide and acaricide used to control a range of pests especially those with resistance to organochlorine, organophosphate and carbamate insecticides.

- Common Name** : Fenvalerate
IUPAC Name : (RS)- α -cyano-3-phenoxybenzyl (RS)-2-(4-chlorophenyl)-3-methylbutyrate
C.A. Name : cyano(3-phenoxyphenyl)methyl 4-chloro- α -(1-methylethyl)benzeneacetate
Chemical Family : Pyrethroid
Structural Formula :



- Empirical formula** : C₂₅H₂₂ClNO₃
Molecular Weight : 419.90
C.A.S. No. : 51630-58-1
Physical State : Viscous yellow-brown liquid
Melting Point : 39.5 °C
Density : 1.175 g/ml
Odour : mild chemical odour
Vapour Pressure : 0.0192 mPa at 25 °C
Flash Point : 230 °C
Solubility in water : 0.001 mg/l ; Low
Stability : Stable to heat and moisture. Stable in acidic media.



FENVALREATE

Sales Specification

Fenvalerate content by mass	:	93% Min.
Moisture content	:	0.07% Max.
Packing	:	MS Drums lacquered with epoxy resins
Transportation information	:	UN No. 3352 Class 6.1 Pyrethroid pesticide, liquid, Toxic Marine Toxic Packing Group III

TOXICOLOGICAL PROFILE

LD50 acute oral	:	Rat	451 mg/kg
LD50 acute Percutaneous	:	Rabbit	1000-3200 mg/kg
LC50 inhalation (4hr)	:	Rat	>101 mg/m ³
Skin irritation	:	Rabbit	Slightly Irritant
Eye irritation	:	Rabbit	Slightly irritant
Skin Sensitization	:	Rabbit	non-sensitizer