



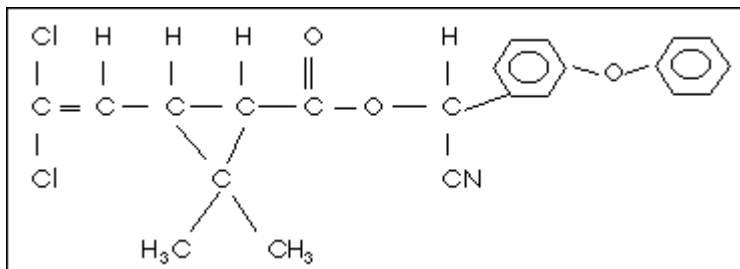
VENUS IMPEX

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Cypermethrin

Common Name : CYPERMETHRIN
Chemical Name : Cyano (3 - phenoxyphenyl) methyl 3 - (- 2,2 - dichloroethynyl) - 2,2 - dimethyl
- = cyclopropanecarboxylate.
CAS Number : [52315 - 07 - 8]
Structural Formula :



Molecular Formula : $C_{22}H_{19}Cl_2NO_3$
Molecular Weight : 416.3
Purity(%) : Customised purities with specific Cis - Trans combinations available.
(Min. 92% Max. 95%).

Physical and Chemical properties

Colour : A yellow to brown viscous liquid or semi solid mass free from extraneous matter
Odour : Mild chemical odour.
Physical State : Viscous liquid or semi solid mass.
Density @ 20°C : 1.23
Vapour Pressure at 20° C : 2.3×10^{-7} Pa
Stability : Relatively stable in neutral and weakly acidic media, with optimum stability at pH 4. Hydrolysed in alkaline media. Relatively stable to light in field situations. Thermally stable up to 200°C.
Solubility at water and solvents : In water 0.004 mg/l (pH 7). In acetone, chloroform, cyclohexanone, xylene > 450, ethanol 337, hexane 103 (all in g / l, 20°C)
Flash Point : > 300°