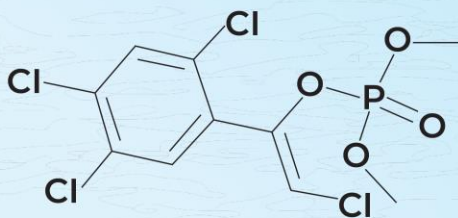


Tetrachlorvinphos



PRODUCT IN FOCUS



Tetrachlorvinphos

INTRODUCTION

Tetrachlorvinphos (popularly known as TCVP) is an agrochemical belonging to class of organophosphates. It is a non-systemic insecticide and acaricide having widespread uses in crop protection, public health, and animal hygiene.

Manufacture

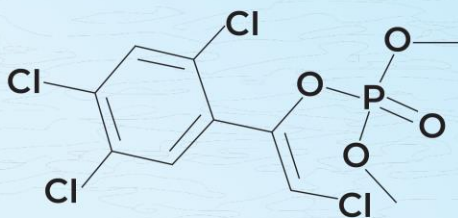
1,2,4-Trichlorobenzene is reacted with Dichloroacetyl chloride. The resultant intermediate undergoes addition reaction with trimethyl phosphite to form TCVP.

Applications

- It controls lepidopterous and dipterous larvae in fruits
- Commonly used against nuisance flies in cattlesheds and ectoparasites
- As an insecticide in WG / dust / spray / dip forms, it control flies in poultry farms and ticks/fleas on domestic pets
- It is also used as an ingredient in feeds for horses and poultry
- It controls public health pests in recreational areas

Synonym	TCVP 2-Chloro-1-(2,4,5-trichloro-phenyl)vinyl dimethyl phosphate
CAS no.	22248-79-9
EINECS no.	244-865-4
Molecular formula	C ₁₀ H ₉ Cl ₄ O ₄ P
Molecular weight	365.96
Structure	

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SPECIFICATIONS

Test	Unit	Specifications
Appearance	-	White to faint yellow free flowing powder
2-Chloro-1-(2,4,5-triphenyl)vinyl dimethyl phosphate (Z isomer)	% w/w	Min 98.0%
2-Chloro-1-(2,4,5-triphenyl)vinyl dimethyl phosphate (E isomer)	% w/w	Max 0.3%
2,2',4,5'-Tetrachloroacetophenone	% w/w	Max 0.3%
Tris(2,4,5-trichlorophenyl)methane	% w/w	Max 0.5%
Other impurities	%	Max 1.1%
Single unidentified impurity	%	Max 0.1%

STORAGE

Stored at ambient temperature

PACKING

75 kg UN-approved fibre drum

REACH Status

Not registered

ExSyn offers Tetrachlorvinphos on commercial scales and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.