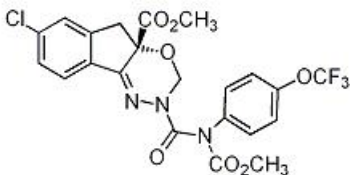


TECHNICAL DATA SHEET OF

Indoxacarb 95% TC

Chemistry identity	
Common name	Indoxacarb 95% TC
IUPAC name	methyl (S)-N-[7-chloro-2,3,4a,5-tetrahydro-4a-(methoxycarbonyl)indeno [1,2-e][1,3,4]oxadiazin-2-ylcarbonyl]-4' -(trifluoromethoxy)carbanilate
CAS No	173584 - 44 - 6
Formula structure	
Physical and chemical properties	
Appearance	Light yellow to off-white powder
Content	95% min.
pH	5.0-7.0
Density	NA
Solubility in water	In water 0.20 mg/l (25 ° C)
Mammalian toxicity	
Acute oral	LD ₅₀ for male rat 843, female rats 179 mg/kg
Acute dermal	LD ₅₀ for rats >5000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats>2000 mg/l air
Environment fate	Animals Metabolism in rats after oral, most of the dose was excreted within 96 hours. Extensive metabolism to numerous minor metabolites occurs. In urine, metabolites were cleaved products (indane or trifluoromethoxyphenyl ring products), whilst, in faeces, major metabolites retained both these moieties. Major metabolic reactions included hydroxylation of the indane ring, hydrolysis of the carboxymethyl group from the amino nitrogen, and opening of the oxadiazine ring, which gave rise to cleaved products. Soil/Environment DT ₅₀ 17d in tama silt loam soil. Indoxacarb is considered to be moderately persistent; aerobic DT ₅₀ 3-23 d, anaerobic DT ₅₀ 186 d. It is considered to be immobile; Koc 3300-9600 ml/g. Kd 26-95l/kg (EU Rev. Rep.). DT ₅₀ for aquatic photolysis 3.0 d (pH 5.0).
Handling and storage	Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Package	25kg drums or customized package