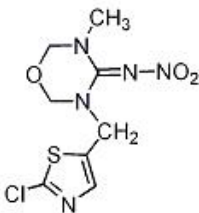


TECHNICAL DATA SHEET OF

Thiamethoxam 350g/L SC

Chemistry identity	
Common name	Thiamethoxam 350g/L SC
IUPAC name	3-(2-chloro-1,3-thiazol-5-ylmethyl)-5-methyl-1,3,5-oxadiazinan-4-ylidene(nitro)amine
CAS No	153719-23-4
Formula structure	
Physical and chemical properties	
Appearance	Off-white homogeneous liquid
Content	350 g/L
pH	5.0-9.0
Density	NA
Solubility in water	Disperse in water
Mammalian toxicity	
Acute oral	LD ₅₀ > 5000 mg/kg
Acute dermal	LD ₅₀ for rats > 2000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats > 5 mg/L
Environment fate	<p>Animals Quickly and completely absorbed, rapidly distributed in the body and rapidly eliminated. The toxicokinetics and metabolism are not influenced by the route of administration, the dose level, pre-treatment, the site of label or the sex of animals. The major metabolic pathways are essentially the same in rats as in mice, goats and hens. Plants Degradation/metabolism has been studied in 6 different crops with soil, foliar and seed treatment application. The qualitative metabolic pattern was similar for all types of applications and for all studied crops. Soil/Environment Soil DT₅₀ 7–109 d (field, 37 soils, median 32.3 d). Koc 32.5–237 ml/g o.c. (25 soils, mean 68.4 ml/g o.c.). Photolysis accelerates degradation in soil. Stable in water under acid conditions, hydrolysed under alkaline conditions. Aqueous photolysis occurs rapidly. No bioaccumulation. No significant volatilisation; efficiently degraded in air by photochemical oxidative degradation.</p>
Handling and storage	Handling: Avoid contact with eyes and skin. When opening the container, preparing the paint solution for use and using the prepared paint solution, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length



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	<p>PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.</p> <p>Storage: Keep out of reach of children. Store below 30°C (Room Temperature) in tightly sealed original containers in a dry secure place away from feed and food. Store out of direct sunlight. Keep out of reach of children, unauthorised persons and animals.</p>
Package	25kg drum or customized package