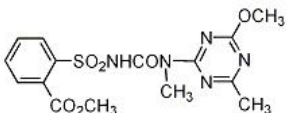


TECHNICAL DATA SHEET OF

Tribenuron-methyl 95% TC

Chemistry identity	
Common name	Tribenuron-methyl 95% TC
IUPAC name	methyl 2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl) carbamoylsulfamoyl]-benzoate
CAS No	101200-48-0
Formula structure	
Physical and chemical properties	
Appearance	Light yellow powder
Content	95% TC
pH	3.0-7.0
Density	NA
Solubility in water	In water 0.05 (pH 5), 2.04 (pH 7), 18.3 (pH 9) (all in g/l, 20 ° C).
Mammalian toxicity	
Acute oral	LD ₅₀ for rats >5000 mg/kg
Acute dermal	LD ₅₀ for rats > 5000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats >5.0 mg/L
Environment fate	<p>Animals Tribenuron-methyl is rapidly and extensively metabolised in animals by N-demethylation, de-esterfication, hydrolysis of the sulfonylurea bridge, hydroxylation of the phenyl ring and/or O-demethylation of the triazine ring.</p> <p>Plants Tribenuron-methyl is rapidly and extensively metabolised in plants. A major metabolic reaction was N-demethylation; further metabolism is primarily through hydroxylation of the phenyl ring and conjugation with glucose.</p> <p>Soil/Environment DT₅₀ of tribenuron-methyl in field soils of intended use 3.5–5.1 d. No significant photodecomposition under field conditions. Degradation in the soil occurs primarily by aqueous hydrolysis and by direct microbial degradation. Hydrolysis is affected by soil pH, being faster in acidic than in alkaline soils. Losses due to volatilisation are not significant.</p>
Handling and storage	<p>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 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