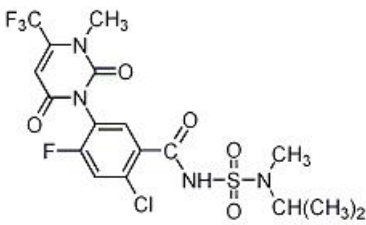


TECHNICAL DATA SHEET OF

Saflufenacil 70% WG

Chemistry identity	
Common name	Saflufenacil 70% WG
IUPAC name	N'-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]benzoyl}-N-isopropyl-N-methylsulfamide
CAS No	372137-35-4
Formula structure	
Physical and chemical properties	
Appearance	Granule
Content	70% min.
pH	4.0-7.0
Density	NA
Solubility in water	Disperse in water
Mammalian toxicity	
Acute oral	LD ₅₀ (rats) >2000mg/kg (For Saflufenacil TC)
Acute dermal	LD ₅₀ for rats >2000 mg/kg (For Saflufenacil TC)
Acute inhalation	LC ₅₀ (4 h) for rats >5000 mg/m ³ (For Saflufenacil TC)
Environment fate	<p>Animals In rats, following oral administration, excretion was rapid and almost complete within 96 h. Distribution was extensive, but at very low levels. Plants Metabolism is rapid in non-susceptible plants. The primary metabolic route is via N-dealkylation of the sulfamide side-chain and hydrolysis of the uracil ring.</p> <p>Soil/Environment DT50 (aerobic, 4 soils, 25 ° C) 15 d. Stable to hydrolysis at pH <7; DT50 5 d (pH 9, 25 ° C). Soil photolysis DT50 29 d. Koc 9-56 (6 soils).</p>
Handling and storage	<p>Handling: Avoid contact with skin, eyes and clothing; material may be an irritant.</p> <p>Storage: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces.</p> <p>Storage: Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.</p>
Package	1kg bag or customized package