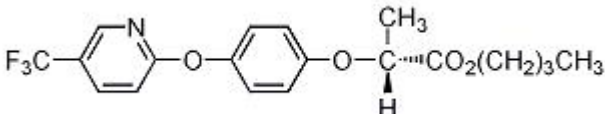


TECHNICAL DATA SHEET OF

Fluazifop-p-butyl 250 g/l EC

Chemistry identity	
Common name	Fluazifop-p-butyl 250 g/l EC
IUPAC name	butyl (R)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate
CAS No	79241-46-6
Formula structure	
Physical and chemical properties	
Appearance	Tan to red brown liquid
Content	150 g/L (w/v)
pH	4.0~9.0
Density	NA
Solubility in water	Emulsifiable in water
Mammalian toxicity	
Acute oral	LD ₅₀ >2000mg/kg
Acute dermal	LD ₅₀ for rats >2000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats > 5.0 mg/L
Environment fate	<p>Animals In mammals, fluazifop-P-butyl is metabolised to fluazifop-P, which is rapidly excreted. Plants In plants, fluazifop-P-butyl is rapidly hydrolysed to fluazifop-P, which is then partly conjugated. Ether cleavage gives the pyridone and propionic acid metabolites, which may both be further metabolised or conjugated. Soil/Environment Koc 5800. In moist soils, rapid degradation of fluazifop-P-butyl occurs, DT50 <24 h. The major degradation product is fluazifop-P, which is hydrolysed to 5-trifluoromethylpyrid-2-one, and 2-(4-hydroxyphenoxy)propionic acid, both of which are further degraded, ultimately to CO₂.</p>
Handling and storage	<p>Handling: Keep out of reach of children. Use only in a well-ventilated area. Avoid prolonged or repeated contact with the skin and eyes. Avoid breathing vapours, mist or dust. Wash thoroughly with soap and water after handling. Wash exposed clothing before reuse. Wash the outside of gloves before removing. Do not contaminate water, food or feed by close storage. Avoid dust generation. Keep away from heat, open flame, or ignition sources.</p> <p>Storage : Store in cool, dry, well-ventilated areas, away from ignition sources, heat or flame. Protect containers from physical damage and contamination.</p>
Package	200L drum or customized package