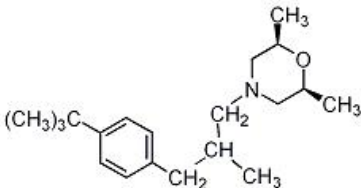


TECHNICAL DATA SHEET OF

FenpropImorph 750g/l EC

Chemistry identity	
Common name	FenpropImorph 750g/l EC
IUPAC name	(±)-cis-4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine
CAS No	67306-03-0
Formula structure	 <p>The chemical structure shows a morpholine ring substituted with two methyl groups at the 2 and 6 positions. The nitrogen atom of the morpholine ring is connected to a propyl chain. The first carbon of this chain is also connected to a second carbon, which is further connected to a phenyl ring. The phenyl ring has a tert-butyl group at the para position. The second carbon of the propyl chain also has a methyl group attached to it.</p>
Physical and chemical properties	
Appearance	Liquid
Content	750g/L
pH	NA
Solubility in water	Emulsifiable in water
Mammalian toxicity	
Acute oral	LD ₅₀ > 2300 mg/kg (For Fenpropimorph TC)
Acute dermal	LD ₅₀ for rats > 4000 mg/kg. (For Fenpropimorph TC)
Acute inhalation	LC ₅₀ (4 h) for rats > 2.9 mg/L (For Fenpropimorph TC)
Environment fate	<p>Animals After oral administration to rats, fenpropimorph is rapidly absorbed and almost completely eliminated with urine and faeces. Residues in tissues were generally low. Plants Formation of polar metabolites due to cleavage of the morpholine ring and oxidation. Soil/Environment Degraded in soil by oxidation of the tertiary butyl group, in addition to oxidation and opening of the dimethylmorpholine ring. Soil DT₅₀ 14-90 d (20 ° C, aerobic); strongly adsorbed to soil, Koc 2772-8778.</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>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	200L kg drum or customized package