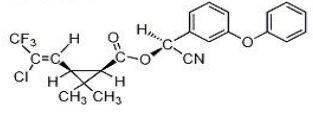
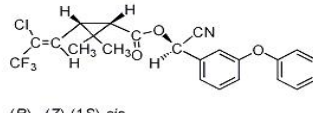


TECHNICAL DATA SHEET OF Lambda cyhalothrin 5% EC

Chemistry identity	
Chemical name	Lambda cyhalothrin 5% EC
CAS No	91465-08-6
Structure formula	<p>(S) (Z)-(1R)-cis-</p>  <p>+</p>  <p>(R) (Z)-(1S)-cis-</p>
Physical and chemical properties	
Appearance	Light yellow liquid
Content	5% min (w/w)
pH	4.0-7.0
Solubility	Emulsifiable in water
Mammalian toxicity	
Acute oral	LD ₅₀ (rat) >2000 mg/kg
Acute dermal	LD ₅₀ (rat) >2000 mg/kg
Acute inhalation	LC ₅₀ (rat) >2.0 mg/L
Environment fate	
Degradation	Rapidly degraded in soil; DT ₅₀ under lab.conditions 23-82d, in the field 6-40d. Strongly adsorbed to soil and sediment organic matter, Koc 330000. Negligible potential for leaching of lambda-cyhalothrin and its degradation products through soil. Rapid dissipation from water in aquatic systems. DT ₅₀ for dissipation from surface waters in lab. water-sediment systems 5-11 h; in a microcosm, DT ₅₀ <3 h.
Handling and storage	
Handling and Storage	<p>Handling: Read the label before use. Avoid contact with skin and eyes. Do not breathe spray. Avoid inhalation of high concentrations of vapours. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.</p> <p>Storage: Keep only in the original container. Keep container tightly closed. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.</p> <p>Storage: Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Keep away from water, acids, oxidising agents and certain metals (including gold, silver and brass). Store locked up. Do not store in buildings inhabited by people or animals</p>
Package	200L drum or customized package