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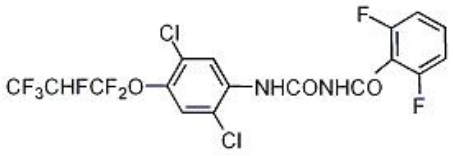
TECHNICAL DATA SHEET OF
Lufenuron 50g/L SC

Chemistry identity	
Chemical name	Lufenuron 50g/L SC
CAS No	103055–07–8
Structure formula	
Physical and chemical properties	
Appearance	Liquid
Content	Lufenuron 50g/L (w/v)
pH	5.0-8.0
Solubility	Suspension 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	**Animals** Major route of elimination was via faeces, with very little degradation. **Plants** No metabolites occurred in significant amounts in the investigated target crops (cotton, tomatoes). **Soil/Environment** Lufenuron was rapidly degraded in biologically active soils under aerobic conditions. DT50 9.4 – 83.1 d. Lufenuron showed a very strong adsorption onto soil particles: Koc (mean value) 38 mg/g o.c.
Handling and storage	
Handling and Storage	**Handling**: Avoid contact with skin and eyes and inhalation of concentrate or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. **Storage:** Conditions for Safe Storage: Keep out of reach of children. Keep in original containers and tightly closed. Keep away from food, drink and animal feeding stuffs. Store in a cool, dry, well ventilated place and protect from sunlight.
Package	200L drum or customized package