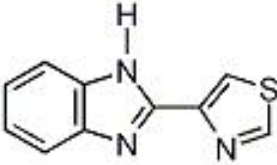
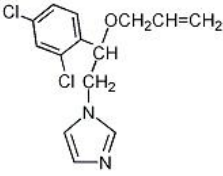


TECHNICAL DATA SHEET OF

Thiabendazole +Imazalil 0.7% SC

Chemistry identity	
Common name	Thiabendazole +Imazalil 0.7% SC
IUPAC name	Thiabendazole: 2-(thiazol-4-yl)benzimidazole; 2-(1,3-thiazol-4-yl)benzimidazole Imazalil: (±)-1-(β-allyloxy-2,4-dichlorophenylethyl)imidazole; allyl (±)-1-(2,4-dichlorophenyl)-2-imidazol-1-ylethyl ether
CAS No	Thiabendazole: 148-79-8 Imazalil: 35554-44-0
Formula structure	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Thiabendazole</p> </div> <div style="text-align: center;">  <p>Imazalil</p> </div> </div>
Physical and chemical properties	
Appearance	Liquid
Content	Thiabendazole: 0.5% min, Imazalil: 0.2% min.
pH	5.0-9.0
Solubility in water	Suspension in water
Mammalian toxicity	
Acute oral	LD ₅₀ (rats) >2000mg/kg
Acute dermal	LD ₅₀ for rats >2000 mg/kg.
Acute inhalation	LC ₅₀ (4 h) for rats >2000 mg/m ³
Environment fate	<p>Thiabendazole:</p> <p>Animals When administered orally, thiabendazole is rapidly absorbed; up to 90% of the total dose is eliminated (about 65% in urine and 25% in faeces) within 24 hours, in both sexes. The compound is rapidly distributed to tissues, with highest levels found in the heart, lungs, spleen, kidneys and liver. The compound is essentially completely cleared from the body within 7 days in both dose groups. Thiabendazole undergoes hydroxylation at the 5-position, and conjugation with glucuronic acid and sulfate. Plants The residue on all crops treated pre- or post-harvest is parent thiabendazole. Soil/Environment Soil DT50 >1 y (1 mg/kg, harsh conditions), 33 d (20 ° C, 40% MWC, 0.1 mg/kg soil), 120 d (20 ° C, 40% MWC, 1 mg/kg soil). Aqueous photolysis DT50 29 h (pH 5).</p> <p>Imazalil:</p> <p>Animals In rats, following oral administration, imazalil was extensively absorbed and >85% was eliminated within 24 h, almost completely metabolised. Plants In plants, imazalil is transformed into α-(2,4-dichlorophenyl)-1H-</p>

	imidazole-1-ethanol. Soil/Environment Imazalil was 9% mineralised after 100 d in soil; Koc/Kom 2080 – 8150 mg/l.
Handling and storage	Handling: Avoid contact with skin, eyes and clothing; material may be an irritant. Storage: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces. 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.
Package	200L drum or customized package