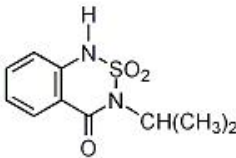


TECHNICAL DATA SHEET OF

Bentazone 480g/L SL

Chemistry identity	
Common name	Bentazone 480g/L SL
IUPAC name	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
CAS No	25057-89-0
Formula structure	
Physical and chemical properties	
Appearance	Yellow to brown liquid
Content	480g/L min. (w/v)
pH	7.0~10.0
Density	NA
Solubility in water	Soluble in water
Mammalian toxicity	
Acute oral	LD ₅₀ >2000 mg/kg
Acute dermal	LD ₅₀ for rats >5000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for rats > 5.0 mg/L
Environment fate	<p>In soil, short-lived hydroxy compounds are first formed, which rapidly undergo further degradation. In sunlight, bentazone undergoes rapid degradation, ultimately to CO₂. It has low soil persistence: in freshly collected field soils, aerobic DT₅₀ (lab., 20 °C) was 14 d. However, when used according to good agricultural practice, bentazone is degraded more quickly than it can leach; in all lysimeter studies, average annual leachates contained <0.1 µg/l.</p>
Handling and storage	<p>Handling: Safe work practices are recommended. Avoid contact with eyes and skin. When opening the container and preparing spray wear appropriate PPE (refer Section 8). Do not spray under high wind conditions.</p> <p>Storage: Do not contaminate water, food or feed by storage or disposal. Keep in tightly closed container in a shaded, well-ventilated area, away from heat, sparks and other sources of ignition. Keep out of reach of children and uninformed persons. Protect against physical damage.</p>
Package	200L drum or customized package