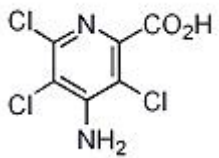
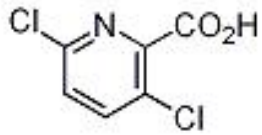


TECHNICAL DATA SHEET OF

Picloram + Clopyralid 30% SL

Chemistry identity	
Common name	Picloram + Clopyralid 30% SL
IUPAC name	Picloram: 4-amino-3,5,6-trichloropyridine-2-carboxylic acid; 4-amino-3,5,6-trichloropicolinic acid Clopyralid: 3,6-dichloropyridine-2-carboxylic acid
CAS No	Picloram: 1918 - 02 - 1 Clopyralid: 1702 - 17 - 6
Formula structure	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Picloram</p> </div> <div style="text-align: center;">  <p>Clopyralid</p> </div> </div>
Physical and chemical properties	
Appearance	Liquid
Content	Picloram ≥ 6%; Clopyralid ≥ 24%
pH	NA
Solubility in water	Soluble in water
Mammalian toxicity	
Acute oral	LD ₅₀ for male rats >5000 (Picloram); LD ₅₀ for male rats 3738, female rats 2675 mg/kg (Clopyralid)
Acute dermal	LD ₅₀ for rabbits >2000 mg/kg (Picloram); LD ₅₀ for rats >2000 mg/kg (Clopyralid).
Acute inhalation	LC ₅₀ for male and female rats >0.035 mg/l (Picloram); LC ₅₀ (4 h) for rats 0.38 mg/L (Clopyralid)
Environment fate	<p>For Picloram: Animals In mammals, following oral administration, picloram is rapidly excreted in an unchanged form. Plants On plant surfaces, photodecomposition occurs, possibly with cleavage of the pyridine ring. Soil/Environment Quickly degraded by light, in clear water or on plant surfaces. Degraded moderately slowly to slowly by soil micro-organisms, typical field DT₅₀ 30-90 d. Rate of degradation in soil strongly proportional to application rate. Aqueous photodegradation DT₅₀ <3 d.</p> <p>For Clopyralid: Animals In rats, following oral administration, there is rapid and almost quantitative unchanged elimination in the urine. Plants Clopyralid is not metabolised in plants. Soil/Environment In soil, microbial degradation occurs; slow degradation occurs in sterile soil. The major product is CO₂; only traces of one other metabolite have been recorded. Aerobic soil degradation depends on initial concentration (DT₅₀ range 7 at 0.0025 ppm to 435 at 2.5 ppm, sandy loam), soil temperature and soil moisture; DT₅₀ (BBA guidelines) 14 – 56 d; DT₅₀ (USA guidelines) 2 – 94 d.</p>



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Handling and storage	<p>Handling: Contact with eyes and skin must be avoided. Wash thoroughly with soap and water after handling. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p> <p>Storage: Store in original container and out of the reach of children, preferably in a locked storage area. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.</p>
Package	200L drums or customized package