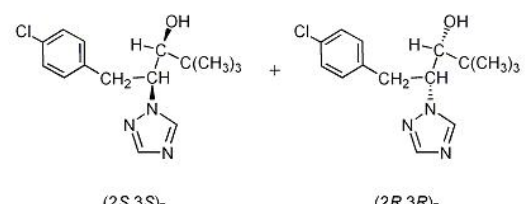


TECHNICAL DATA SHEET OF

Paclobutrazol 95% TC

Chemistry identity	
Common name	Paclobutrazol 95% TC
IUPAC name	(2R,3R)-1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol
CAS No	76738-62-0
Formula structure	 <div style="display: flex; justify-content: space-around; margin-top: 5px;"> (2S,3S)- (2R,3R)- </div>
Physical and chemical properties	
Appearance	Off-white powder
Content	95% min.
pH	4.0-9.0
Solubility in water	In water 22.9 mg/l
Mammalian toxicity	
Acute oral	LD ₅₀ for rats >2000 mg/kg
Acute dermal	LD ₅₀ for rats > 2000 mg/kg
Acute inhalation	LC ₅₀ (4 h) for male rats 4.79, female rats 3.13 mg/l air
Environment fate	<p>Animals After oral administration, paclobutrazol is rapidly eliminated with a higher proportion in the urine than in the faeces. Tissue retention is minimal at low doses; at higher doses a small proportion of paclobutrazol equilibrates into the tissues and is subsequently eliminated. Plants Paclobutrazol is extensively metabolised in oilseed rape, the most abundant metabolite being triazole alanine. Soil/Environment In soil, paclobutrazol degrades moderately quickly, DT50 27-618 d (lab.), 14-389 d (field). No accumulation and leaching potential. Soil adsorption Freundlich Koc 210 ml/g (n=13). Hydrolytically stable. Aqueous photolysis is not likely to be a major route of degradation in the environment.</p>
Handling and storage	<p>Handling: Keep out of reach of children. Avoid contact with eyes and skin. No special protective measures against fire required. When using do not eat, drink or smoke.</p> <p>Storage: Store in original container in a cool, dry, well-ventilated area. Keep away from food, drink and animal feeds. Keep out of direct sunlight and avoid frosts.</p>
Package	25kg drum or customized package