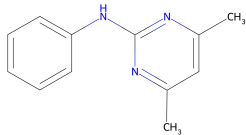


TECHNICAL DATA SHEET OF Pyrimethanil 600g/l SC

Chemistry identity	
Common name	Pyrimethanil
IUPAC name	4,6-Dimethyl-N-phenyl-2-pyrimidinamin
CAS No	53112-28-0
Formula structure	
Physical and chemical properties	
Appearance	white to beige flowable viscous liquid
Content	600 g/l (w/v)
pH	4.5 - 7.5 at 100 % (23 °C)
Density	ca. 1.10 g/cm ³ at 20 °C
Solubility in water	Dispersible in water
Viscosity, dynamic:	340 - 500 mPa.s at 20 °C Velocity gradient 20 /s
Mammalian toxicity	
Acute oral	LD ₅₀ > LD50 (Rat) 4,505 mg/kg
Acute dermal	LD50 (Rat) > 5,000 mg/kg
Acute inhalation	LC50 (Rat) > 4.41 mg/l Highest attainable concentration.
Environment fate	Animals Rapidly absorbed, extensively metabolised and rapidly excreted in all species examined. No evidence of accumulation, even on repeated dosing. Metabolism proceeds by oxidation to phenolic derivatives which are excreted as glucuronide or sulfate conjugates. Plants Little metabolism occurs in fruit; residues at maturity consist essentially of unchanged parent compound only. For this reason, a crop residue monitoring method has been developed for the direct determination of pyrimethanil itself. Soil/Environment DT50 in laboratory studies 27-82 d; field studies indicate rapid degradation, DT50 7-54 d. Koc 265-751. Low potential for leaching to groundwater; field studies show minimal movement of pyrimethanil into deeper soil layers. Pyrimethanil disappears rapidly from surface water and moderately adsorbs to the sediment, from which it is further degraded.
Handling and storage	<p>Handling: Use only in area provided with appropriate exhaust ventilation.</p> <p>Hygiene measures: Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).</p> <p>Storage including any incompatibilities: Requirements for storage areas and containers: Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Store at room temperature. Protect from frost.</p> <p>Advice on common storage: Keep away from food, drink and animal feedingstuffs.</p>
Package	200 L drum or customized package