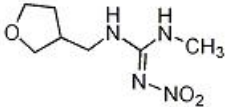


TECHNICAL DATA SHEET OF

DINOTEFURAN 98% TC

Chemistry identity	
Common name	Dinetofuran 98% TC
IUPAC name	(RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
CAS No	165252-70-0
Formula structure	
Physical and chemical properties	
Appearance	White powder
Content	98% (w/w)
pH	NA
Density	NA
Solubility in water	In water 39.8 g/l (20 ° C).
Mammalian toxicity	
Acute oral	LD ₅₀ for rat >2000mg/kg (Calculation)
Acute dermal	LD ₅₀ for rats >2000 mg/kg (Calculation)
Acute inhalation	LC ₅₀ (4 h) for rats >4.0 mg/L (Calculation)
Environment fate	<p>Animals In rats, extensively absorbed and completely eliminated within 168 h, mainly via urine. Little metabolism occurred. Plants In lettuce, metabolites include 1-methyl-3-(tetrahydro-3-furylmethyl)guanidine and 1-methyl-3-(tetrahydro-3-furylmethyl)urea. Soil/Environment Aqueous photolysis DT50 1.8 d. Soil DT50 50 - 100 d. The major degradate is 1-methyl-2-nitroguanidine.</p>
Handling and storage	<p>Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.</p> <p>Storage: Keep pesticide in original container. Do not store or transport near food or feed. Do not contaminate food or feed. Do not put concentrate into food or drink containers. Do not dilute concentrate in food or drink containers. Store in a cool, dry place, out of direct sunlight.</p>
Package	200 L drum or customized package