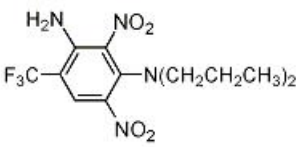


TECHNICAL DATA SHEET OF

Prodiamine 65% WG

Chemistry identity	
Common name	Prodiamine
IUPAC name	5-dipropylamino- α,α,α -trifluoro-4,6-dinitro-o-toluidine; 2,6-dinitro-N1,N1-dipropyl-4-trifluoromethyl-m-phenylenediamine
CAS No	29091-21-2
Formula structure	
Physical and chemical properties	
Appearance	Solid
Content	65% (w/w)
pH	7.0-10.0
Solubility in water	Disperse in water
Mammalian toxicity	
Acute oral	LD50 for rats >5000 mg/kg
Acute dermal	LD50 for rabbits >2000 mg/kg.
Acute inhalation	LC50 for rats 1.8 mg/L
Environment fate	<p>Animals In rats, orally administered prodiamine is almost completely eliminated within 4 days. Soil/Environment Prodiamine is subject to photodegradation. Metabolism involves reduction of the nitro groups. Typical soil DT50 (field) 90 - 150 d. Strongly adsorbed on soil; Koc and Kd for sand texture 19 540, 19.54, for sandy loam texture 12 860, 398.5, for Kenyan loam texture 5440, 120, respy.</p>
Handling and storage	<p>Handling: Avoid contact with skin, eyes and clothing; material may be an irritant.</p> <p>Storage: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces.</p> <p>Storage: Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.</p>
Package	1L bottle, 25kg drums or customized package