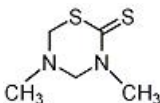


TECHNICAL DATA SHEET OF

DAZOMET 98% MG

Chemistry identity	
Common name	Dazomet
IUPAC name	3,5-dimethyl-1,3,5-thiadiazinane-2-thione; tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione
CAS No	533-74-4
Formula structure	
Physical and chemical properties	
Appearance	Almost white granule
Content	98% min (w/w)
Water	0.5% max (w/w)
pH	6.0~8.0
Density	Bulk density: 0.3-0.7
Mammalian toxicity	
Acute oral	LD ₅₀ >500 mg/kg (For dazomet active ingredient)
Acute dermal	LD ₅₀ for rats >2000 mg/kg. (For dazomet active ingredient)
Acute inhalation	LC ₅₀ (4 h) for rats >8.4 mg/L (For dazomet active ingredient)
Environment fate	<p>Plants Following application to strawberries, no residues of dazomet or of its degradation products methyl isothiocyanate, dimethyl- or monomethylthiourea were detected at >0.01 ppm in the fruit.</p> <p>Soil/Environment In soil, DT50 <1 d; in water, DT50 <10 h (pH >5). In soil, in the presence of moisture, degrades to methyl isocyanate, formaldehyde, hydrogen sulfide and methylamine.</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>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	25 kg drum or customized package