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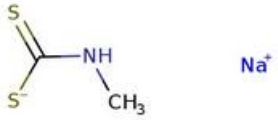
TECHNICAL DATA SHEET OF

Metam-sodium 42% SL

Chemistry identity	
Common name	Metam-sodium 42% SL
IUPAC name	sodium methyldithiocarbamate
CAS No	137 - 42 - 8
Formula structure	
Physical and chemical properties	
Appearance	Liquid
Content	42% min.
pH	7.0-10.0
Density	NA
Solubility in water	Soluble in water
Mammalian toxicity	
Acute oral	LD_{50} for rats 896, mice 285 mg/kg. (for TC)
Acute dermal	LD_{50} for rabbits 1300 mg/kg (for TC)
Acute inhalation	LC_{50} (4 h) for rats>2.5 mg/l air (whole body) (for TC)
Environment fate	In soil, rapidly decomposes to methyl isothiocyanate (q.v.), DT50 23 min to 4 d.
Handling and storage	**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. **Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Package	200L drums or customized package