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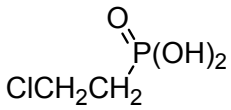
TECHNICAL DATA SHEET OF

Ethephon 720g/L SL

Chemistry identity	
Common name	Ethephon
IUPAC name	2-chloroethylphosphonic acid
CAS No	16672-87-0
Formula structure	
Physical and chemical properties	
Appearance	Liquid
Content	720g/L (w/v)
pH	1.5-3.0
Solubility in water	Soluble in water
Mammalian toxicity	
Acute oral	LD50 for rats 1564 mg/kg (for a.i.)
Acute dermal	LD50 for rabbits 1560 mg/kg. (for a.i.)
Acute inhalation	LC50 for rats 4.52 mg/l. (for a.i.)
Environment fate	Animals In animals, ethephon is rapidly excreted intact via the urine, and as ethylene via the expired air. Plants In plants, ethephon rapidly undergoes degradation to ethylene. Soil/Environment Rapidly degraded in soil, and low mobility; unlikely to leach.
Handling and storage	Handling: Avoid contact with skin, eyes and clothing; material may be an irritant. Storage: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces. 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.
Package	1L bottle, 200L drums or customized package