

# O,O-DIETHYLDITHIOPHOSPHORIC ACID (EDTA)



O,O-DIETHYLDITHIOPHOSPHORIC ACID (EDTA) is used in manufacturing of many Organo Phosphorus Pesticides and collectors for mining industry.

## PHYSICAL PROPERTIES

Chemical name : O,O-Diethyldithiophosphoric acid

CAS No. : 298 - 06 - 6

Molecular Structure : 

Molecular Formula :  $C_4H_{11}O_2PS_2$

Molecular weight : 186.24

Physical state : Clear, blackish brown liquid

Odour : Characteristic

Boiling point, °C : 66 at 1mm of Hg.

## TYPICAL ANALYSIS

Assay by Acidimetry % : 95.0 Min.

Specific gravity at 25°C :  $1.160 \pm 0.02$

## PACKAGING

Unit pack : 225 Kg HMHDPE drums or Stainless Steel 316 tanker, ISO tanks.

UN NO. : 3265

IMCO class : 8

Packing group : II

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ACID (EDTA)

### APPLICATIONS

- It is used as an intermediate in the manufacture of many Organophosphorus pesticides like; Ethion, Phorate, Phosalone, Disulfoton, Terbufos.
- It is also used in mining chemicals.

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For any further information refer our Material Safety Data Sheet.

