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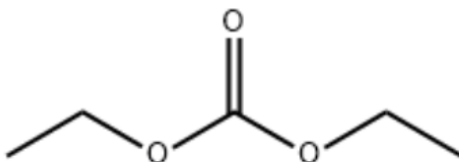
Product: **Diethyl carbonate**

Diethyl carbonate, is a colourless liquid with a mild odour. Insoluble in water, soluble in alcohol, ether and other organic solvents. Diethyl carbonate is a well-known linear organic carbonate that has wide applications. It is an active component of electrolytes used in lithium which is used as a solvent for cellulose ethers, nitro cellulose, manufacture of radio tubes, fixing rare earths to cathode elements, natural and synthetic resin and in erythromycin intramuscular injections. It is also used in the synthesis of 3-ethyl-4-methyl-5-phenyl-3H-oxazol-2-one, phenobarbital, pyrethrum batteries.

Alias: DPD1; TGFB; Ethyl carbonate; Carbonic acid diethyl ester

CAS No: **105-58-8**

Molecule structure



Specifications:

Appearance: Colorless, transparent liquid

Purity: 99.5%min

Moisture:0.05%max

Methanol+Ethanol: 0.05%max

Colourity (Pt-Co):10max

Packing & Delivery 200kg/drum, 16mt/FCL

UN No.2366, Class:3, Packing group:III



Application

- ☒ Diethyl carbonate is an active component of electrolytes used in lithium which is used as a solvent for cellulose ethers, nitro cellulose, manufacture of radio tubes, fixing rare earths to cathode elements, natural and synthetic resin and in erythromycin intramuscular injections.
- ☒ Diethyl carbonate is also used in the synthesis of 3-ethyl-4-methyl-5-phenyl-3H-oxazol-2-one, phenobarbital, pyrethrum batteries.