

# DIETHYL CARBONATE



Cas Number: 105-58-8

Other Names: Ethyl carbonate, Carbonic acid diethyl ester,  
Carbonic acid, diethyl ester, Eufin, Diatol.

Formula:  $C_5H_{10}O_3$  or  $(C_2H_5O)_2CO$

---

## PRODUCT INTRODUCTION

Diethyl carbonate belongs to the family of dicarboxylic Acids and Derivatives. These are organic compounds containing exactly two carboxylic acid groups. It appears as a colorless liquid with a mild pleasant odor. It is slightly less dense than water and insoluble in water. When heated to high temperatures it may emit acrid smoke. Used as a solvent.

---

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless transparent liquid
Purity % $\geq$	99.91
Water Moisture $\leq$ %	0.01
Density (20/20°C)	1.075
CH <sub>3</sub> OH	0.004 %

---

## APPLICATIONS

- Diethyl carbonate acts as a chemical intermediate for pharmaceuticals (e.g., phenobarbital) and for some other organic compounds.
- It is also used as solvent for cellulose ethers, many synthetic and natural resins
- It is also a component in Li-ion electrolyte

---

## PACKAGING OPTIONS

Drums

---

To Get A Quote, Email On [marketing@sanjaychemindia.com](mailto:marketing@sanjaychemindia.com)