

# ETHYL CHLOROFORMATE



CAS Number: 541-41-3

**Other Names:** Ethyl carbonochloridate; Ethyl chlorocarbonate; Cathyl chloride;  
Chloroformic acid ethyl ester; Ethoxycarbonyl chloride

**Formula:**  $C_3H_5ClO_2$  or  $ClCOOC_2H_5$

---

## PRODUCT INTRODUCTION

Ethyl chloroformate is the ethyl ester of chloroformic acid. It is a colorless liquid with a pungent odor. Prolonged exposure to low concentrations or short exposure to high concentrations may have adverse health effects from inhalation

---

## PHYSICAL AND CHEMICAL PROPERTIES

Purity Content	99.20 %
Free Acidity Content	0.11 %

---

## APPLICATIONS

- In the manufacture of ore flotation agents by reaction with various alkyl xanthates to produce diethyl xanthogen formate and diethylxanthic anhydride.
  - It is also used as a stabilizer for PVC and in the production of modified penicillin's, e.g., binotal
  - Ethyl chloroformate is used to produce carboxylic acids anhydrides from carboxylic acids, secondary amines from tertiary amines, and nitriles from amides and to make heterocyclic compounds.
- 

## PACKAGING OPTIONS

Drums

---

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