

Ethyl Chloroformate

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Ethyl Chloroformate Latest News

Recently, India has launched an anti-dumping investigation into imports of ethyl chloroformate from China after domestic producers alleged that the chemical was being sold in the Indian market at unfairly low prices.

About Ethyl Chloroformate

- It is a colorless to yellowish liquid **with a pungent odor**.
- **Properties of Ethyl Chloroformate**
 - It **hydrolyses** in the presence of water.
 - It is very **toxic by inhalation and corrosive to metals and tissue**.
 - Its vapors are **heavier than air**.
 - It is **highly flammable** and emits fumes containing HCl on contact with moist air.
 - It **decomposes exothermically**.
 - It is slightly soluble in water; soluble in organic solvents like ethanol and ether.

- It should be **stored in a cool, dry, and well-ventilated area** in tightly closed containers away from sources of ignition and incompatible materials.

- **Uses:**

- It was used in the **synthesis of nitrile oxides**.
- It is used as an intermediate in organic synthesis, particularly in the production of **pharmaceuticals, agrochemicals, and other specialty chemicals**.

- **Health Impact:** Prolonged exposure to low concentrations or short exposure to high concentrations may have **adverse health effects from inhalation**.

Source: TOI

Source: <https://vajiramandravi.com/current-affairs/ethyl-chloroformate/>

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