



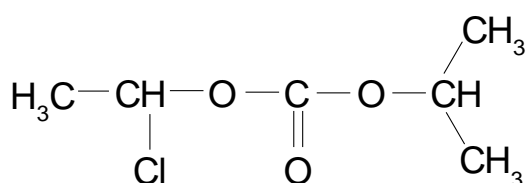
A VanDeMark Company

Phosgene Chemistry • Custom Chemicals

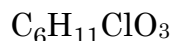
DATA SHEET Nr 3500 C

# 1 Chloroethyl-Isopropyl Carbonate

## CEIC



Molecular formula:



Molecular weight:

166,5

CAS number:

98298-66-9

EU number:

424-590-8

### SYNONYM

-

### ASPECT

Clear liquid

### PHYSICAL PROPERTIES

Density: d<sub>4</sub>20      1,08

Boiling point:      170°C/105Pa

Melting point:      -80°C

Solubility:

Soluble in the main common organic solvents (toluene, acetone, THF).

Not soluble in water.

### USES

- Synthesis intermediate for pharmaceuticals and fine chemicals.

# 1 CHLOROETHYL-ISOPROPYL CARBONATE (CEIC) — Framochem

## SPECIFICATIONS

Parameter	Guaranteed value	Typical value	Method	Operating procedure
Appearance	liquid			
Colour	≤ 100APHA		Colorimetry	C-210
Assay	≥ 98,5 %		Gas chromatography	GC-388
Isopropyl alcohol	≤ 0,5 %		Gas chromatography	GC-388
1-Chloroethyl-ethyl carbonate	≤ 0,1 %		Gas chromatography	GC-388
Di-isopropyl carbonate	≤ 1,0 %		Gas chromatography	GC-388
Vinyl-isopropyl carbonate	≤ 0,5 %		Gas chromatography	GC-388
Largest unidentified impurity	≤ 0,2 %		Gas chromatography	GC-388
Water	≤ 0,10%		Karl-Fischer	K-110

## PACKAGING

PE lined metal drums containing 180kg.

In bulk.

## HANDLING PRECAUTIONS

See MSDS.

- Physico-chemical hazard: Flash point :  
59°C
- Health hazard:  
LD 50 (rat, oral): >2000mg/kg.  
Sensitization by skin contact. Irritant
- Destruction:  
Incineration.

## STORAGE

Stored in its closed original drum in a covered dry, cool and well-ventilated warehouse, the product is stable.

However, in case of prolonged storage it is recommended to check again the product before use, by measuring typical parameters.

## TRANSPORT

Refer to MSDS.

Nr. 3500 C November, 2014