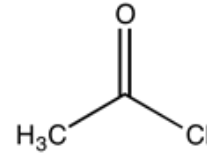


**Identification**

CH<sub>3</sub>COCl  
M = 78,50 g/mol  
CAS [75-36-5]  
EC number: 200-865-6  
Taric code: 2915 90 70

**Synonyms**

Acetic acid chloride

**Applications**

acetylating agent, for water determination.

**Specifications**

assay (argentometric)..... min. 98 %

identity (IR-spectrum).....passes test

density (20°/4°)..... 1,103 - 1,105

**Physical data**

- Density: 1,10 g/cm<sup>3</sup>
- Solub. in water: (20 °C): hydrolysis reaction
- Melting point: -112 °C
- Boiling point: 52 °C
- Flash point: 5 °C
- Ignition temperature: 390 °C
- Vapour pressure: (20 °C) 320 hPa
- Refraction index: (n 20 °C/D) 1,3890
- Dielectric const.: (20 °C) 15,9
- Expl. limit (upper): 19 Vol%
- Expl. limit (lower): 7,3 Vol%

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

H225: Highly flammable liquid and vapour.  
H314: Causes severe skin burns and eye damage.  
EUH014: Reacts violently with water.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P370+P378: In case of fire: Use ... for extinction.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 3 FC II • UN 1717 • ACETYL CHLORIDE
- IMDG: 3 II • UN 1717 • ACETYL CHLORIDE
- IATA/ICAO: 3 II • UN 1717 • ACETYL CHLORIDE
- PAX: 306
- CAO: 308
- 15°C - 25°C