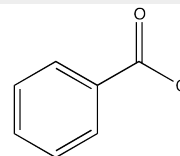


**Identification**

C<sub>7</sub>H<sub>5</sub>ClO  
 M = 140,57 g/mol  
 CAS [98-88-4]  
 EC number: 202-710-8  
 Taric code: 2916 32 90


**Synonyms**

Benzenecarbonyl chloride, Benzoic acid chloride

**Applications**

analytical chemistry, synthesis of organic products.

**Specifications**

assay (G.C.).....	min. 99 %	density (20°/4°).....	1,210 - 1,214
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %

**Packaging**
**Packaging Code**

1 |  CL02701000

25 |  CL0270025A

**Physical data**

- Density: 1,21 g/cm<sup>3</sup>
- Solub. in water: (20 °C): hydrolysis reaction
- Melting point: -0,6 °C
- Boiling point: (4 hPa) 49 °C
- Flash point: 72 °C
- Ignition temperature: 600 °C
- Vapour pressure: (20 °C) 0,5 hPa
- Expl. limit (upper): 27 Vol%
- Expl. limit (lower): 2,5 Vol%
- pH(1 g/l H<sub>2</sub>O, 20 °C) 2

**Safety - GHS**

**Signal Word:** Danger


**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.  
 H302: Harmful if swallowed.  
 H312: Harmful in contact with skin.  
 H332: Harmful if inhaled.  
 H317: May cause an allergic skin reaction.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
 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.  
 P321: Specific treatment (see on this label).  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 2460 mg/kg
- WGK: 1
- Poison class CH (Swiss): 2

**Transport/storage**

- ADR: 8 C3 II • UN 1736 • BENZOYL CHLORIDE
- IMDG: 8 II • UN 1736 • BENZOYL CHLORIDE
- IATA/ICAO: 8 II • UN 1736 • BENZOYL CHLORIDE
- PAX: 808
- CAO: 812