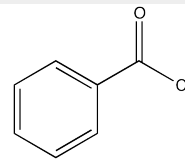


Identification

C_7H_5ClO
 $M = 140,57 \text{ g/mol}$
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 %

Physical data

- Density: 1,21 g/cm³
- 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 H₂O, 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.
P310: Immediately call a POISON CENTER or doctor / physician.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

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
- 10°C - 30°C