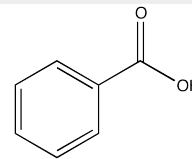


Identification

$C_7H_6O_2$
M = 122,12 g/mol
CAS [65-85-0]
EC number: 200-618-2
Taric code:



Synonyms

Benzenecarboxylic acid, Phenylformic acid

Applications

analytical chemistry, preservative agent, manufacture of dyes.

Specifications

assay (acidimetric).....	min. 99,5 %	residue on ignition.....	max. 0,02 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,2 %

Physical data

- Appearance: irregular crystals or flakes, white
- Spec. Density: 1,321 g/cm³
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): 3,4 g/l
- Melting point: 121,5 - 123,0 °C
- Boiling point: ~ 249 °C
- Flash point: 121 °C
- Ignition temperature: 532 °C
- Vapour pressure: (20 °C) 1,3 hPa
- pH(10 g/l H₂O) 3

Safety - GHS

Signal Word: Danger

Hazard Statements:

H315: Causes skin irritation.
H318: Causes serious eye damage.
H372: Causes damage to organs through prolonged or repeated exposure.



Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
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.
P321: Specific treatment (see on this label).
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C