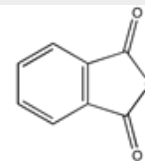


Identification

C₈H₄O₃
M = 148,12 g/mol
CAS [85-44-9]
EC number: 201-607-5
Taric code: 2917 35 00

**Synonyms**

1,2-Benzenedicarboxylic acid anhydride

Applications

synthesis of organic products, manufacturing of synthetic resins.

Specifications

assay (acidimetric)..... min. 99 %

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

Physical data

- Appearance: bright flakes, white, up to 1,5cm
- Bulk density: 500 - 700 kg/m³
- Solub. in water: (20 °C): 6 g/l
- Melting point: 129-132 °C
- Boiling point: 285 °C
- Flash point: 151 °C
- Ignition temperature: 580 °C
- Vapour pressure: (20 °C) < 0,01 hPa
- Expl. limit (upper): 10,4 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(6 g/l H₂O, 20 °C) 2

Safety - GHS

Signal Word: Danger

**Hazard Statements:**

- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H318: Causes serious eye damage.
H302: Harmful if swallowed.
H335: May cause respiratory irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.

Precautionary Statements:

- P284: Wear respiratory 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).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C4 III • UN 2214 • PHTHALIC ANHYDRIDE
- IMDG: 8 III • UN 2214 • PHTHALIC ANHYDRIDE
- IATA/ICAO: 8 III • UN 2214 • PHTHALIC ANHYDRIDE
- PAX: 822
- CAO: 823
- 10°C - 30°C