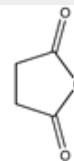


**Identification**

C<sub>4</sub>H<sub>4</sub>O<sub>3</sub>  
M = 100,07 g/mol  
CAS [108-30-5]  
EC number: 203-570-0  
Taric code: 2917 19 90

**Synonyms**

2,5-Dioxotetrahydrofuran

**Applications**

laboratory reagent, synthesis of organic products, in food industry, manufacture of dyes, manufacture of adhesives.

**Specifications**

assay (morpholine method)..... min. 99 %

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

residue on ignition..... max. 0,01 %

**Physical data**

- Spec. Density: 1,48 g/cm<sup>3</sup>
- Bulk density: 550 - 600 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 67 g/l (hydrolysis reaction)
- Melting point: 119 °C
- Boiling point: 261 °C
- Flash point: 157 °C
- Vapour pressure: (92 °C) 1,3 hPa
- pH(20 g/l H<sub>2</sub>O) 2,7

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335: May cause respiratory irritation.

**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 C4 II • UN 3261 • CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.(Succinic anhydride)
- IMDG: 8 II • UN 3261 • CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Succinic anhydride)
- IATA/ICAO: 8 II • UN 3261 • CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Succinic anhydride)
- PAX: 851
- CAO: 855
- 15°C - 25°C