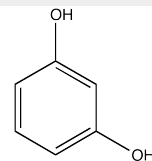


Identification

$C_6H_6O_2$
 M = 110,11 g/mol
 CAS [108-46-3]
 EC number: 203-585-2
 Taric code: 2907 21 00


Synonyms

1,3-Dihydroxybenzene

Applications

analytical chemistry, laboratory reagent (zinc), synthesis of organic products, cosmetics, manufacture of adhesives, manufacture of dyes, in the textile industry.

Specifications

assay (bromometric, referred to dried sample).. 98,5 - 101,0 %
 identity (IR-spectrum).....passes test
 appearance of solution.....passes test
 acidity or alkalinity.....passes test
 chlorides (Cl).....max. 0,001 %

sulfates (SO_4).....max. 0,005 %
 pyrocatecholpasses test
 Related substances:passes test
 residue on ignition.....max. 0,1 %
 loss on drying (over silica gel).....max. 1,0 %

Physical data

- Spec. Density: ~ 1,28 g/cm³
- Bulk density: ~ 600 - 700 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 109 - 111 °C
- Boiling point: (20 hPa) 177 °C
- Flash point: 127 °C
- Ignition temperature: 605 °C
- Vapour pressure: (20 °C) 0,1 hPa
- pH(100 g/l H_2O , 20 °C) ~ 4 - 6

Safety - GHS

Signal Word: Warning

Hazard Statements:

H400: Very toxic to aquatic life.
 H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.


Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P273: Avoid release to the environment.
 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).
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 2876 • RESORCINOL
- IMDG: 6.1 III • UN 2876 • RESORCINOL
- IATA/ICAO: 6.1 III • UN 2876 • RESORCINOL
- PAX: 655
- CAO: 619
- 10°C - 30°C