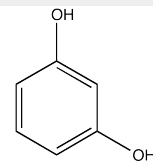


Identification

C₆H₆O₂
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, in pharma industry.

Specifications

assay (bromometric, referred to dried sample)..... 98,5 - 101,0 %
melting point..... 109 - 112 °C
Identification B (EP)..... passes test
Identification C (EP)..... passes test

appearance of solution..... passes test
acidity or alkalinity..... passes test
pyrocatechol passes test
Related substances: passes test
residue on ignition..... max. 0,1 %
loss on drying (over silica gel)..... max. 1,0 %

Physical data

- Appearance: flakes, yellowish, up to 1cm
- 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 H₂O, 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