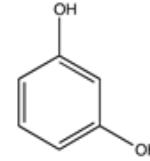


**Identification**

C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>  
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 %	appearance of solution.....	passes test
melting point.....	109 - 112 ° C	acidity or alkalinity.....	passes test
Identification B (EP).....	passes test	pyrocatechol .....	passes test
Identification C (EP).....	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/cm<sup>3</sup>
- Bulk density: ~ 600 - 700 kg/m<sup>3</sup>
- 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<sub>2</sub>O, 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