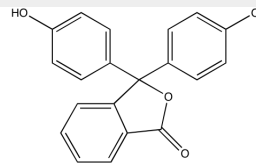


**Identification**

$C_{20}H_{14}O_4$   
M = 318,33 g/mol  
CAS [77-09-8]  
EC number: 201-004-7  
Taric code: 2932 20 10

**Synonyms**

3,3-Bis(p-hydroxyphenyl)phthalide

**Applications**

analytical chemistry, laboratory reagent, indicator, in the pharmaceuticals industry (laxative).

**Specifications**

pH range (colourless to violet-red) .....	8 - 10	clarity of alcohol solution.....	passes test
Absorption maximum $\lambda$ (pH 9,8).....	551 - 554 nm	loss on drying (110 °C).....	max. 1 %
Absorptivity (A1%/1 cm; $\lambda$ max;			
pH 9,8 on dried sample).....	500 - 600		

**Physical data**

- Appearance: powder, cream or yellowish
- Spec. Density: 1,3 g/cm<sup>3</sup>
- Bulk density: 350 - 450 kg/m<sup>3</sup>
- Solub. in water: (20 °C): insoluble
- Melting point: 261 - 263 °C

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H350: May cause cancer.  
H341: Suspected of causing genetic defects.  
H361f: Suspected of damaging fertility.

**Precautionary Statements:**

- P281: Use personal protective equipment as required.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P308+P313: IF exposed or concerned: Get medical advice / attention.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- WGK: 1
- Poison class CH (Swiss): 3