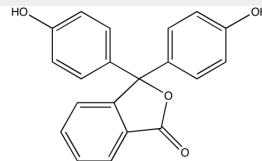


**Phenolphthalein, solution 1% in ethanol, indicator**
**Identification**

$C_{20}H_{14}O_4$   
 M = 318,33 g/mol  
 CAS [77-09-8]  
 EC number: 201-004-7  
 Taric code: 3822 00 00


**Applications**

analytical chemistry, laboratory reagent, indicator.

**Specifications**

pH range (colourless to violet-red) .....8,2 - 9,8

**Physical data**

- Density: 0,81 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Flash point: 23 °C
- Ignition temperature: ~ 425 °C

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H226: Flammable liquid and vapour.  
 H350: May cause cancer.  
 H341: Suspected of causing genetic defects.


**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
 P370+P378: In case of fire: Use ... for extinction.  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 3 F1 III • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Phenolphthalein, solution 1% in ethanol)
- IMDG: 3 III • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Phenolphthalein, solution 1% in ethanol)
- IATA/ICAO: 3 III • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Phenolphthalein, solution 1% in ethanol)
- PAX: 355
- CAO: 366
- 15°C - 25°C