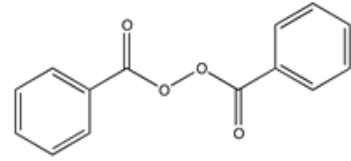


Benzoyl peroxide, moistened with 25% H₂O, EssentQ®**Identification**

C₁₄H₁₀O₄
M = 242,23 g/mol
CAS [94-36-0]
EC number: 202-327-6
Taric code: 2916 32 00

**Synonyms**

Dibenzoyl peroxide

Applications

oxidizing agent, catalyst, synthesis of polymers.

Specifications

assay (iodometric, on dried sample)..... min. 98 %
identity (IR-spectrum)..... passes test

residue on ignition..... max. 0,1 %
water approx. 25 %

Physical data

- Appearance: powder, white
- Spec. Density: 0,53 g/cm³
- Bulk density: ~ 500 - 600 kg/m³
- Solub. in water: (20 °C): almost insoluble
- Melting point: 100 - 105 °C (decomposes)

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H242: Heating may cause a fire.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H400: Very toxic to aquatic life.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
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).
P410: Protect from sunlight.
P411+P235: Store at temperatures not exceeding \$ °C / \$ °F. Keep cool.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 5.2 P1 • UN 3104 • ORGANIC PEROXIDE
- TYPE C, SOLID(Benzoyl peroxide)
- IMDG: 5.2 • UN 3104 • ORGANIC PEROXIDE TYPE C, SOLID (Benzoyl peroxide)
- IATA/ICAO: 5.2 • UN 3104 • ORGANIC PEROXIDE TYPE C, SOLID (Benzoyl peroxide)
- PAX: 510
- CAO: 513
- 15°C - 25°C