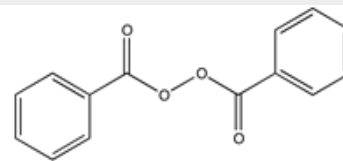


Identification

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, in pharma industry.

Specifications

assay (iodometric).....	70,0 - 77,0 %	chlorides (Cl).....	max. 0,4 %
identity (IR-spectrum).....	passes test	Related substances:passes test	
Identification A (EP).....	passes test	benzaldehyde.....	max. 0,25 %
Identification C (EP).....	passes test	benzoic acid.....	max. 1,5 %
Identification D (EP).....	passes test	ethyl benzoate.....	max. 0,25 %
acidity.....	passes test	unspecified impurities.....	max. 0,10 %
		water	min. 20 %

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
- 10°C - 30°C