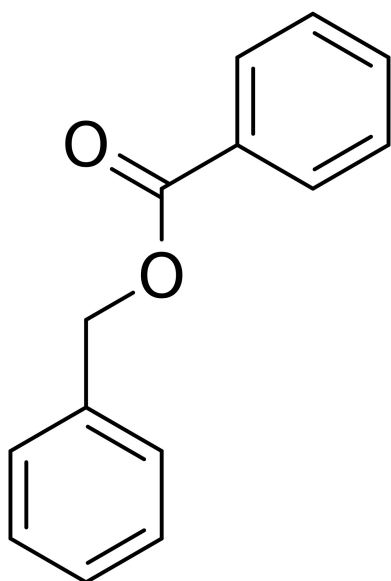




h1>Benzyl benzoate 98% [120-51-4]



CAS number: **120-51-4**

Summary formula: **C₁₄H₁₂O₂**

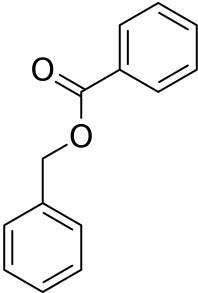
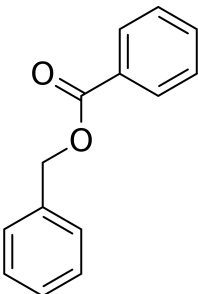
Molar mass: **212.25**

Synonyms: **Benzoic acid benzyl ester; Phenylmethyl benzoate**

Application: **It is used as an ingredient in anti-acne agents. It has strong oxidizing properties, has antibacterial and keratolytic properties, stimulates granulation processes and collagen synthesis. The antibacterial effect is based on the release of active atomic oxygen from the benzoyl peroxide molecule, which inhibits the growth of anaerobic bacteria. Benzoyl peroxide, due to its antibacterial and keratolytic effect, reduces the number of blackheads and removes inflammatory eruptions. It improves the oxygen supply of tissues, easily passes into the stratum corneum, where it is metabolized in keratinocytes to benzoic acid and excreted in the urine.**

VARIATIONS



Image	Price	Pack size
	£7,60 gross £6,18 netto	500 ml
	£32,30 gross £26,26 netto	2.5 l
	£57,00 gross £46,34 netto	5 l

PRODUCT DESCRIPTION

Benzyl benzoate 98% [120-51-4]

Benzyl benzoate is used as an ingredient in anti-acne agents. It has strong oxidizing properties, has antibacterial and keratolytic properties, stimulates granulation processes and collagen synthesis. The antibacterial effect is based on the release of active atomic oxygen from the benzoyl peroxide molecule, which inhibits the growth of anaerobic bacteria. Benzoyl peroxide, due to its antibacterial and keratolytic effect, reduces the number of blackheads and removes inflammatory eruptions. It improves the oxygen supply of tissues, easily passes into the stratum corneum, where it is metabolized in keratinocytes to benzoic acid and excreted in the urine.

Physical description. Clear, colorless liquid (20 ° C)

Color (APHA) ≤ 20
Refractive index (20 ° C) 1.560 - 1.570
Specific gravity (25 ° C) 1.116 - 1.120
Acid value ≤ 1.0 mg KOH / g
Benzyl alcohol $\leq 0.1\%$
Benzaldehyde $\leq 0.05\%$
Melting point ≥ 17.0 ° C
Purity (GC) $\geq 99.5\%$

Hazard pictograms

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosivity, the pictogram exclamation mark should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)