

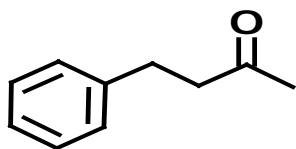
# BENZYL ACETONE

(Product code: BA)

## OLFACTIVE NOTE

Sweet-Flowery, Herbal, Floral-Green

Long-lasting and fresher than Benzyl Acetate. Somewhat Buttery. It is a volatile component of cocoa. Used in perfumes as a modifier for Benzyl Acetate, particularly used in soap perfumes.



4-phenylbutan-2-one

Formula: C<sub>10</sub>H<sub>12</sub>O

M.W.: 148.21 gm/mol

## PHYSICO CHEMICAL PROPERTIES

1. Legal status	Nature-identical
2. Appearance	Colorless to pale yellow clear liquid
3. Purity (GLC %)	99% min.
4. Benzylidene acetone content	<0.1%
5. Benzyl alcohol content	<= 0.06%
6. Benzaldehyde content	<= 0.02%
7. 4-Phenyl-2-butanol content	<= 0.1%
8. Boiling point	235 °C @ 760 mm Hg
9. Flash point	97.78 °C
10. Specific gravity	0.9850 – 0.9910 @ 25 °C
11. Refractive index	1.5090 – 1.5150 @ 20 °C
12. Tenacity	172 Hrs
13. Vapour pressure	0.05570 mm/Hg @ 25 °C (est.)
14. Solubility in alcohol	Soluble
15. Solubility in water	1625 mg/L @ 25 °C
16. Acid Value	1 max. mgKOH/gm
17. Log P (o/w)	1.96

## SYNONYM

Jasmarol, 4-Phenyl-2-butanone, 1-Phenyl-3-butanone, β-Phenyl ethyl methyl ketone, Methyl Phenyl ethyl ketone

## USE LEVEL

Flavor.....Up to 25 ppm

Fragrance.....Up to 2%

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## REGULATORY INFORMATION

1.	CAS	2550-26-7
2.	FL No.	07.194
3.	FEMA	---
4.	EINECS	219-847-4
5.	CoE	11182
6.	Export tariff code	2914.39.9000
7.	JECFA No.	---
8.	Food chemical codex	No
9.	FDA regulation	---
10.	Kosher	Yes
11.	REACH Pre-registration No.	17-2120103808-58-0000

## PACKING

As per customer's requirement

## STORAGE

Stable when stored in tightly sealed GI, HDPE, or Aluminum packing.

Keep in cool (7-32°C) and dry area, away from direct heat and light.

Shelf life of 24 months from the date of manufacturing.

If stored for more than 12 months, quality should be checked before use.

## DECLARATION

The product does not contain residual solvents, anti-oxidants, preservatives, stabilizers, any ingredients of animal origin, pork origin or parts thereof.

The product is not produced by gene modifications or not derived from genetically modified organisms or by using genetically modified organisms.

Further, it does not contain DNA and/or protein resulting from genetic modifications.