

Foreverest Resources Ltd

Benzaldehyde

99%

Benzaldehyde presents naturally in bitter almond oil, patchouli oil, and hyacinth oil. It appears colorless liquid with a characteristic almond-like odor. There are three methods to synthesize benzaldehyde: toluene oxidation, catalytic dehydrogenation of benzyl alcohol, and hydrolysis of dichlorobenzyl methane. Benzaldehyde is widely used in chemical industry, especially in the preparation of perfumes, flavorings, and pharmaceuticals.

Substance Identification

Synonyms	Artificial Almond Oil benzenecarbonal Benzoic aldehyde
CAS	N/A
EINECS	202-860-4

FEMA	N/A
HS.CODE	290200
Molecular Formula	C6H5CHO
Molecular Weight	106.12
LD50 oral, rat	1300mg/kg

Application & Uses

- used as the agent of Painkillers, antipyretics, and sedatives.
- used as food additives for baked goods, soft drinks and sugar. In America and Europe market, it is widely used in marzipan, kind of soft sweets.
- used as tanning agent
- used as antiseptic and antibacterial aromatizer
- used as dyes and brighteners
- used as ingredients of perfume and essential oil with relaxing bitter almond aroma.
- used as plasticizer

Sales Specification

ITEM	VALUE
Appearance	Colorless liquid with a characteristic almond-like odor
Content, %	99.0 min
Density, @20°C	1.044 to 1.049
Acidity, As Benzoic Acid, %	1.0 max
Color, @Hazen	50 max
Chloride, ppm	500 max
LD50 oral, rat	1300mg/kg

Package

- Drum, 200kg net each

GHS Hazard Statements

H-Code	H227/302+332/315/319/335/401/412
P-Code	P210/261/264/270/271/273/280
Response	P301+P312+P330 P302+P352 P304+P340+P312 P305+P351+P338 P332+P313 P337+P313 P370+P378

Storage P403+P233 P403+P235 P405
Disposal P501
S-phrases: S24 | R-phrases: R22

Storage

- flammable materials should be stored in a separate safety storage cabinet or room
- ground all equipment containing material
- keep away from heat
- keep away from sources of ignition
- keep container tightly closed
- keep in a cool, well-ventilated place

Relation Products

- [Cinnamic Aldehyde Natural](#)

Relation Articles

- [An Aroma Chemical Profile - Benzaldehyde](#)
- [Green in Perfume, How to build a better rose](#)
- [Application Research of Cinnamic aldehyde in Fragrance & Flavor, Daily Chemicals and Food Additives](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent