



KANABENZ - BCHO

BENZALDEHYDE

A slightly colored liquid aldehyde with an almond odor.

Chemical Nature

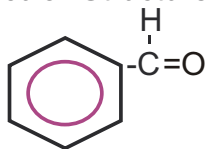
Chemical Name:- Benzenecarbaldehyde, Phenylmethanal, Benzoic Aldehyde, Benzenecarbonal, Benzenecarboxaldehyde, Benzoyl hydride, Phenylformaldehyde, Benzene methylal.

Trade Name:- Benzaldehyde

Molecular Formula:- C_7H_6O

Molecular Weight:- 106.12

Molecular Structure:- C_6H_5-CHO



CAS Number

:- 100-52-7 :-

EC Number

202-860-4

SPECIFICATIONS

Characteristics	Unit	Test Method	Value
Appearance	--	Visual	Clear Liquid
Color by Tintometer	APHA	Tintometer	50 (max)
Odor	--	Smell	Bitter Almond
Purity (GLC)	% by area	KLJTM	99.50 % (min)
Low Boiling Imp. (GLC)	% by area	KLJTM	0.10% (max)
High Boiling Imp. (GLC)	% by area	KLJTM	0.40% (max)
Specific Gravity (25°C)	--	ASTM-D-1045-86	1.040 - 1.045
Acidity (as Benzoic Acid)	%	KLJTM(Chemical Titration)	0.50% (max)

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Properties

Benzaldehyde is a clear colorless to yellow liquid with a bitter almond odor. Flash point near 63°C. More denser than water and insoluble in water. Hence sinks in water. Vapors are heavier than air. The primary hazard is to the environment. Immediate steps should be taken to limit spread to the environment. Easily penetrates the soil to contaminate groundwater and nearby waterways. Used in flavoring and perfume making.

Application

Benzaldehyde is used in manufacturing of

- Cinnamaldehyde
- Alpha Amyl Cinnamaldehyde
- Cinnamic Alcohol
- Rose Crystals
- Meta Phenoxy Benzaldehyde
- Malachite Green
- Congo Red
- Congo Scarlet

Packing & Storage

Benzaldehyde is packed in 220 Kg net in HMHDPE drum, Road Tanker, ISO Tank.

It is stored in tightly closed container in a cool & dry ventilated area.

Shelf Life

Original characteristics remain intact for 06 months, if kept in recommended storage.

Safety

MSDS can be provided on request.

Disclaimer

The data contain in this publication are based on our current knowledge and Experience. During processing, there are so many factors which may effect the application part of Benzaldehyde, so these data neither imply any guarantee of certain properties nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute The agreed quality of our product.

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