

KLJ Group

Trust built on performance



KANABENZ - BOH [TECH]

BENZYL ALCOHOL

Solvent for Inks, Paints, Lacquers & Epoxy Resin Coatings.

Chemical Nature

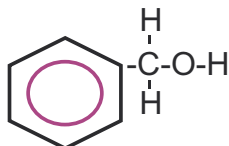
Chemical Name:- Benzyl alcohol, Phenylmethanol, Phenylcarbinol, Benzoyl alcohol, Benzenemethanol, Phenylmethyl Alcohol, Benzenecarbinol, Alpha-Hydroxytoluene.

Trade Name:- Benzyl Alcohol

Molecular Formula:- C₇H₈O

Molecular Weight:- 108.14

Molecular Structure:- C₆H₅-CH₂-OH



CAS Number : 100-51-6

EC Number : 202-859-9



SPECIFICATIONS

Characteristics	Unit	Test Method	Value
Appearance	--	Visual	Clear Liquid
Color by Tintometer	APHA	Tintometre	10 (max)
Assay (GLC)	% by area	KLJTM	99.60% (min)
Specific Gravity (25°C)	--	ASTM-D-1045-86	1.042 - 1.046
Refractive Index (20°C)	--	ASTM-D-1045-86	1.5380 - 1.5410
Benzaldehyde Content	%	KLJTM	0.10% (max)
Dibenzyl Ether Content	%	KLJTM	0.10% (max)
Water Content	%	Karl Fischer	0.10% (max)
Acid Value	mg KOH / gm	ASTM-D-1045-86	0.1 (max)

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Properties

Benzyl alcohol is a clear colorless liquid with a sharp burning taste and mild pleasant odor. Slightly denser than water. Flash point 90°C. Boiling point 205°C. Contact may irritate skin, eyes, and mucous membranes. May be slightly toxic by ingestion. It is a primary alcohol. It is partially soluble in water and readily soluble in alcohol and ether.

Application

It is used as a general solvent for inks, paints, lacquers, epoxy resin coatings, and as a degreasing agent in cleaning as well as for chemical reaction process. Also, it is used in the manufacture of other benzyl compounds, as a pharmaceutic aid, and in perfumery and flavoring.

Its applications include many pharmaceutical preparations and bacteriostatic compounds. It was used for antipruritic activity to relieve itching. Carbinol is a primary alcohol with general formula RCH_2OH .

Benzyl alcohol, or a derivative thereof, is used as a:

- Solvent in paint stripper and waterborne coatings applications
- Curing agent epoxy coating industry
- Chemical intermediate for synthesis of target molecules used in Pharmaceuticals, cosmetics, preservatives and flavoring & fragrance agents.

Packing & Storage

Benzyl Alcohol is packed in 220 Kg GI drum/HMHDPE drum, IBC, ISO tank.

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

Shelf Life

Original characteristics remain intact for 12 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 Benzyl Alcohol, 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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