


**F E C T****FAR-EAST CHEMICAL TRADING CO., LTD.**

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**Technical Data Sheet****Basic information**

Chemical name	Benzyl Alcohol	Formula	C7H8O
Synonyms	Bentalol;benzalcohol;Benzalcohol	Chemical structure	
CAS.No.	100-51-6		
EINECS No.	202-859-9		
Molecular weight	108.14		

**Physical properties**

Appearance & Characters	Benzyl alcohol is a kind of colorless transparent liquid; sending out slight fragrance, because its smell and flavor of bitter almond if being put long time and oxidized to benzaldehyde and benzyl acid.
Boiling point, °C	205.4
Melting point, °C	-15.3
Flash point	100°C (closed-cup test), 104°C (open-cup test)
Auto-ignition temperature, °C	435
Specific gravity, 20°C, g/cm <sup>3</sup>	1.0455
Refractive index( n <sub>D</sub> 20°C)	1.5395
Solubility	Benzyl alcohol is soluble in water with ratio of 1:30 and miscible with alcohol, ether and chloroform.

**Specification**

Items	Industry/Pharma BP2000	Perfumery Grade
Appearance	Colorless transparent liquid	Colorless transparent liquid
Fragrance	----	light scent of flower
Purity, %	≥ 99.95	≥ 99.98
Benzyl Dehyde, ppm	≤ 200	≤ 100
Acidity (as Benzoic acid ), %	≤ 0.1	≤ 0.05
Chloride, %	≤ 0.005	≤ 0.003
Color, Hazan	≤ 10	≤ 5
Specific gravity, kg/m <sup>3</sup> (20°C )	1.043~1.048	1.043~1.048
Refraction Index	1.538~1.542	1.538~1.542
Water, %	≤ 0.1	≤ 0.05
Clarity of Solution (1+30)	Clear	Clear

**Application**

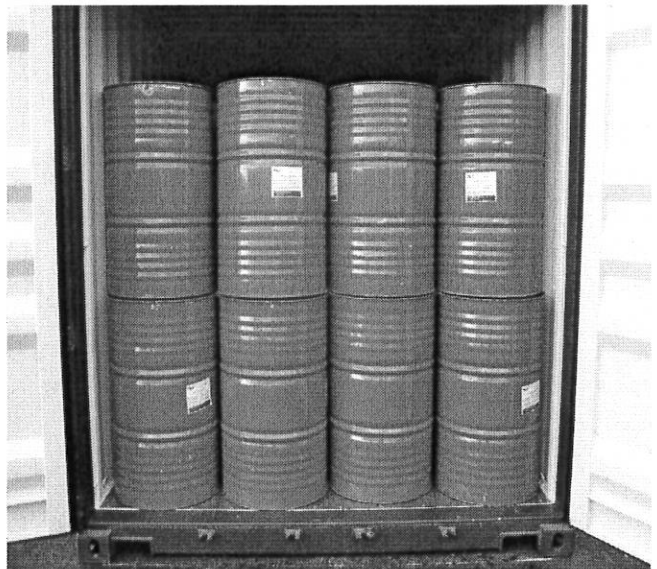
Benzyl alcohol is a good solvent with middle boiling point. It is mainly applied to:

1. The curing argent modifier and solvent for epoxy resin.

2. Epoxy paint, epoxy floor, encapsulation, epoxy adhesive and epoxy ornaments.
3. Medicine synthetic solvent, preservative for ointment or liquid medicine.
4. Photographic developing agent, cleaning agent, synthetic glass solvent and lens colorant.
5. Solvent for meat products stamp-pad ink and ball-point pen oil.
6. Perfume fixative, indispensable component for jasmine, tuberose or ylang, compound perfume of soap and daily cosmetics.

#### Package

- 200kg/steel drum, 16mt per 20'ft;
- 210kg/steel drum, 16.8mt per 20'ft;
- 1050kg/IBC drum, 19 IBC drum, 19.95mt per 20'ft;
- 20mt ISO TANK



#### Safety on transportation

It belongs to Normal goods, always refer to MSDS.

#### Storage and handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.  
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us.However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

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