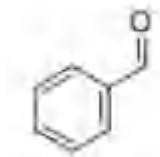


Technical Data Sheet

Basic information

| | | | |
|------------------|---------------------------------|--------------------|---|
| Chemical name | Benzaldehyde | Formula | C7H6O |
| Synonyms | Benzoic aldehyde;Phenylmethanal | Chemical structure |  |
| CAS.No. | 100-52-7 | | |
| EINECS No. | 202-860-4 | | |
| Molecular weight | 106.12 | | |

Physical properties

| | |
|-------------------------------|--|
| Appearance | Colorless to slightly yellow liquid |
| Density,20℃,g/cm ³ | 1.044 (Water=1); 3.66 (Air=1) |
| Boiling point,℃ | 179 |
| Melting point,℃ | -26 |
| Autoignition temperature,℃ | 192 |
| Solubility | Slightly soluble in water,soluble in benzene, ethanol, ether, chloroform |

Specification

| Items | Specification |
|--|-------------------------------------|
| Appearance | Colorless to slightly yellow liquid |
| Color (Hazan) | ≤50 |
| Acid value, % | ≤1.0 |
| Specific gravity (20℃),g/cm ³ | 1.042.0~1.049.0 |
| Assay, % | ≥99.00 |

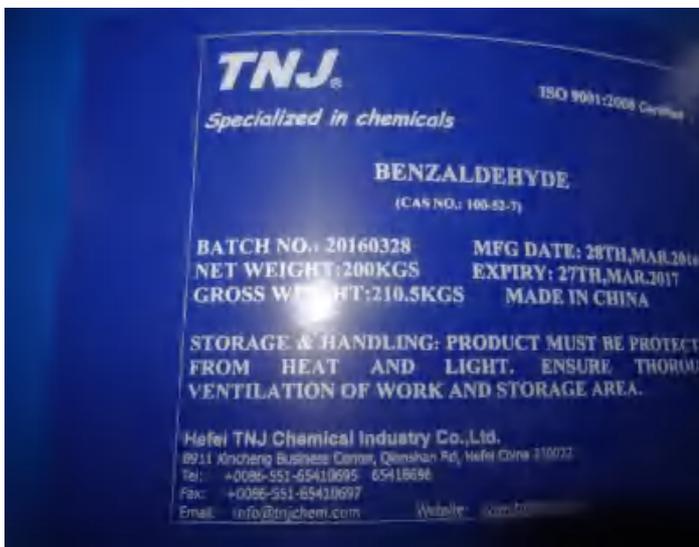
Application

Benzaldehyde is widely applied to the fields such as syntheses of pharmaceuticals, perfumes and so on.

| | |
|-----------------------|--|
| Chemical industry | used as an important raw material of dyes, resin industry. Also can be used as a solvent, plasticizer and lubricant in low temperature, etc. |
| Medicine industry | used in the Synthesis of pharmaceuticals,etc. |
| Perfume industry | mainly used for the flavor deployment, or used in daily chemical essence and cigarette flavor, etc. |
| Agricultural industry | used as wild yan withered, plant growth regulator is herbicides resistance to pour amine intermediates. |
| Other use | Also used as an important raw material for producing lauraldehyde, lauric acid,benzene acetaldehyde and benzyl benzoate etc. |

Package

- 200kg/plastic drum, 16mt per 20'ft with pallets;
- 22mt ISO TANK;



Safety on transportation

It belongs to Class 9 hazardous goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

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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