



Specialized in chemicals

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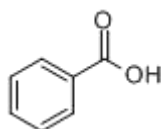
Site: www.tnjchem.com

Technical Data Sheet

Benzoic acid

Product Information

| | |
|--------------------|--|
| Chemical Name | Benzoic acid |
| CAS # | 65-85-0 |
| EINECS | 200-618-2 |
| FEMA | 2131 |
| Formula | C ₇ H ₆ O ₂ |
| Molecular Weight | 122 |
| Synonyms | Oracylic acid; Phenylformic acid; Benzeneformic acid |
| Chemical structure | |



Description

White silky flakes or needle-shaped crystals, It isbenzin or benzoic aldehyde savor,, soluble in ethanol and slightly soluble in water.

Physical Properties

| | |
|-----------------------------------|---------|
| Melting point, °C . | 121-123 |
| Boiling point, °C | 249 |
| Density @ 20°C, g/cm ³ | 1.08 |
| Flash point, °C | 121 |
| Water solubility, g/ml | 0.34 |

Specification

| | |
|-------------------|-----------------|
| Item | Technical Grade |
| Assay, % min | 98.51 |
| State of solution | Clarification |

| | |
|-----------------------------|------|
| Heavy metals,mg/kg max. | 10 |
| Arsenic, mg/kg max. | 2.0 |
| Residue on ignition, % max. | 0.10 |

* Please refer to specific Certificate of Analysis for details.

Safety

Not a DOT controlled material

Always refer to the Material Safety Data Sheet (MSDS)

Applications

As an organic intermediate, it can be used in/with:

- dyestuff, paint synthesis, steel antiseptic and plastic intensifier
- preservatives in food and medicine industry.
- Pharm. intermediate

Packaging

25kg per plastic knit bag

20mt per 20ft container

Storage & Handling

Keep away from heat, away from sources of ignition, never add water to this product.

Keep container tightly closed, in a cool, well-ventilated area, do not store above 25°C.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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