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Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418677

Fax: (0086) 551 65418697

Email: sales21@tnjchem.com

Site: www.tnjchem.com

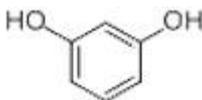
## Technical Data Sheet

# Resorcinol

### Product Information

Chemical Name Resorcinol

Chemical structure



CAS # 108-46-3

EINECS 203-585-2

Formula C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>

Molecular Weight 110.11

Synonyms Resorcine;1,3-Benzenediol;1,3-Dihydroxybenzene;

### Description

White crystals,Soluble in ethanol and water, slightly soluble in ethyl acetate, benzene, insoluble in ether and carbon tetrachloride, have a corrosion effect on copper, aluminum, stimulating.

### Physical Properties

Melting point 109-112 °C(lit.)

Boiling point 281 °C

Density 1.27 g/mL at 20 ° C

Vapor density 3.8 vs air

Vapor pressure 1 mm Hg (21.1 °C)

Storage conditions 0-6°C

Flash point 340°F

Water solubility 140 g/100 mL

Sensitivity Stable. Incompatible with strong oxidizing agents. May discolour on exposure to air or light.

### Specification

Items	Specifications
Appearance	White crystalline flakes
Resorcinol (HPLC)	99.50% Min.
Hydroquinone(HPLC)	0.05% Max.
Catechol (HPLC)	0.1% Max.
Phenol(HPLC)	0.1% Max.
Crystallization Point	109°CMin.

### Applications

- Used in resins as an UV absorber.
- Used in manufacturing fluorescent and leather dyes and adhesives (resorcinol formaldehyde resins).
- Used as a pharmaceutical to treat acne and other greasy skin conditions in combination with other acne treatments such as sulfur.
- Used as an anti-dandruff agent in shampoo and sunscreen cosmetics.
- Used as a chemical intermediate to synthesis pharmaceuticals and other organic compounds.
- Used as one of parent material of topical keratolytic agents.

### Packaging

25kg bag

Total 16 MT per 20ft container with pallets,20 MT without pallets.

### Safety & Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage,avoid leakage.

It is valid for 2 years under proper condition.

Resorcinol is classified as Dangerous Good for transport (UN 2576, Class 6.1, Packing group III)

\* Please refer to MSDS for more information about Safety, Storage and Transportation.