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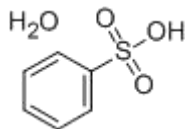
Site: www.tnjchem.com

## Technical Data Sheet

# Benzenesulfonic Acid Monohydrate

### Product Information

Product Name	Benzenesulfonic Acid Monohydrate
Synonyms	Benzenesulfonic acid
CAS No.	98-11-3/26158-00-9
EINECS No.	202-638-7
Molecular formula	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub> S.H <sub>2</sub> O
Molecular weight	176.19
Chemical structure	



### Physical Properties

White crystal.	
Easily soluble in water and ethanol, insoluble in ether and carbon disulfide, slightly soluble in benzene	
Density	1.32g/cm <sup>3</sup>
Melting Point	30-60°C
Boiling Point	137°C
Flashing Point	230°F

### Specification

<u>Items</u>	<u>Specification</u>
Appearance	White crystal
Assay	≥99.00%
Free acid	≤1.00%
Free of benzene	≤0.10%

## Safety

Benzenesulfonic Acid Monohydrate is hazard class 8 material, it's belong to corrosive material.  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

- 1) Used for manufacturing Phenol and resorcinol.
- 2) Used for oilfield water injection, can lift the formation of blockage, improve formation permeability.
- 3) Used as a catalyst for esterification and dehydration reactions and as a curing agent for the foundry industry.

## Packaging

25kg fiber drum or as per customer's requirements.

## Storage & Handling

Store in cool, dry and well-ventilated place. Keep container tightly closed.  
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.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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