

**辛集市玺宸热能有限公司**  
**XINJI CITY XICHEN THERMAL ENERGY CO.,LTD**

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**1,2,3-BENZOTRIAZOLE**

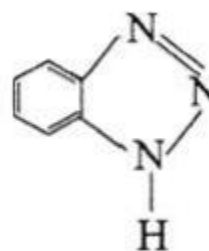
[Chemical Name]: BTA

[CAS NO. ]:95-14-7

[Chemical formulation]:  $C_6H_5N_3$

[Molecular weight]: 119.12

[Structural formula]:



[Shape & properties]: white needle-shape crystalloids, it can be processed to be big flake, column, fine granular, powder.

[Properties]: It's bitter, odorless, boiling point is 204 °C (15mmHG), soluble in alcohol, benzene, toluene, chloroform and dimethylformamide, and slightly soluble in water.

[Specifications]:

Guide name	Guide
Purity	≥99.8%
Chroma	≤NO.40
Moisture	≤0.1%
Melting point	≥97°C
Ash content	≤0.05%
PH value	5-6

[Usage]: It's mainly used as rust-preventer, antifreezing liquid, antioxidant additive(including lubricating oil, hydraulic oil, brake oil, transformer's oil), emulgent, water stabilizer, the additive for high molecular materials'( polyester and polyesteramide)capacity of ultraviolet resistance and anti-static electricity, photographic anti-fogging agent, copper mine flotation, metal's slow corrosion etc.

[Safety properties]: It's not inflammable or explosive or corrosive, low poison and the LD50 for small mouse is 965mg/kg.

[Packing]: Plastic woven bag, multiple bag, cardboard drum, all-paper drum, metal drum lined with bag.

[Net weight]: 20kg, 25kg, 500kg