

# 南京顺恒信化工有限公司

## NANJING TRUST CHEM CO.,LTD

### 1,2,3-BENZOTRIAZOLE

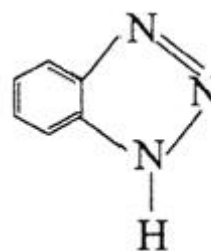
[Chemical Name]: BTA

[CAS NO. ]:95-14-7

[Chemical formulation]: C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>

[Molecular weight]: 119

[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

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