

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

1,2,3-BENZOTRIAZOLE

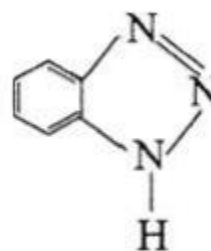
[Chemical Name]: BTA

[CAS NO.]:95-14-7

[Chemical formulation]: C₆H₅N₃

[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