



## 1,2,3-Benzotriazole [BTA]

### **SYNONYMS:**

Benzotriazole; 1H-Benzotriazole; BTA; BZT

**CAS No:** 95-14-7

**MOLECULAR FORMULA:** C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>

### **PROPERTIES:**

White needle-shape crystalloids, it can be processed to be big or small flake, column, fine 0 granular, powder. It is bitter, odorless, boiling point is 204 C (15mmHg), soluble in alcohol, benzene, toluene, chloroform and dimethylformamide, and slightly soluble in water.

### **SPECIFICATION:**

Purity	> 99.8%
Chroma	< 40
Moisture	< 0.04%
Melting point	> 97° C
Ash content	< 0.03%
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), emugent, water stabilizer, the additive for high molecular materials (polyester and polyestamide) capacity of ultraviolet resistance and anti-static electricity, photographic antifogging agent, copper mine flotation, metal's slow corrosion etc.

### **PACKING**

20Kgs net bag.