

SEQUESTON

BTA

BTA is a reliable corrosion inhibitor and anti-rusting agent for metals. It is effectively to protect steel, cast iron, cadmium and nickel alloys under certain conditions. In addition, it is widely used in the antitrust products such as gas phase corrosion inhibitor, in treating agent for recycling water, anti-freezing agent for car, synthetic detergent, anti-dust agent for photography and as polymer stabilizer. It can be used together with many kind of scale inhibitors and bactericide or algaecide, show excellent anticorrosion effect in close recycling cooling water system. It has stable corrosion inhibition, toxicity, thermal stability and chemical properties. It shows stable deoxidisation features for acid, alkali and oxide compounds.

GENERAL

Chemical Name	1,2,3-Benzotriazole
Synonyms	Benzotriazole; 1H-Benzotriazole; BTA; BZT
Molecular Formula	C ₆ H ₅ N ₃
Molecular Weight	119.1
CAS No.	95-14-7
Appearance	White crystalline needle or granule

SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Assay (as BTA, %)	99.0% min
pH , (1% solution)	5.5 - 6.5
Melting Point	≥ 90 °C
Moisture Content, %	0.01% max
Ash Content, %	0.03% max

PACKING

20kg net in fibre pail or weaving bags. Shelf-life: 2 years

APPLICATIONS

BTA is an excellent corrosion inhibitor for metals, copper and copper-base alloys. It can protect steel, cast iron, cadmium and nickel alloys under certain conditions. Moreover, it is also used as anti-rusting agent, anti-freezing agent for car, synthetic detergent, anti-dust for photography and polymer stabilizer.

TRANSPORT INFORMATION

Not regulated

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

WaterChem Pte Ltd

48 Toh Guan Road East, #02-149 Enterprise Hub, Singapore 608586

Tel: +65 6465 3268 Fax: +65 6465 3269

Email: ronaldau@waterchem.sg

www.waterchem.sg