

Benzotriazole

Product Specification

Chemical Name/s	:	1,2,3-benzotriazole
Molecular formula	:	C ₆ H ₅ N ₃
Description	:	white needles
Assay (GC)	:	99.8% min
Melting point	:	97 °C min
Moisture	:	0.04% max
Ash Content	:	0.03% max
Chroma	:	40 max
pH value	:	5-6

Characteristic data

Density (20°C)	:	approx. 1.19 g/cm ³
Bulk density	:	approx. 500 kg/m ³
Flash point	:	approx. 195°C

Uses

Benzotriazole prevents corrosion of copper and copper alloys. It also protects steel, cast iron, cadmium and nickel alloys under certain conditions. Benzotriazole reduces the corrosive effect of copper ions on various metals.

Applications

- 1) Antifreezes
- 2) Cooling water in open and closed water circuits
- 3) Hydraulic fluids, brake fluids, metal-working fluids
- 4) Cleaning agents and polishes for metals
- 5) Electroplating
- 6) VCI paper

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.

NOTE

If you require further information, please contact your regional Onyx representative.