

AXCID

BIT- 20

GENERAL

| | |
|------------------|---|
| Chemical Name | 1,2-benzisothiazolin-3-one |
| Chemical Formula | C ₇ H ₅ NOS |
| Molecular Weight | 151.80 (for 1,2-benzisothiazolin-3-one) |
| Appearance | Dark brown liquid |

DESCRIPTION

BIT- 20 is a low-toxicity biocide in propylene glycol/glycerine solution for protection against yeast, bacterial and fungal growth in the wet state. It is stable over a broad pH range of 4 - 12, and a broad temperature range.

SPECIFICATIONS

| <u>Properties</u> | <u>Typical Value</u> |
|---------------------|----------------------|
| Assay (%) | 20 min |
| pH @20°C | 12 min |
| pH (1% solution) | 9 min |
| Density @20°C, g/ml | 1.18 - 1.24 |

APPLICATIONS

BIT 20 can be used to control the growth of a wide spectrum of microorganisms - bacteria, mould fungi and yeasts, in emulsion paints, adhesives concrete additives and other water treatment formulations.

It is easy to formulate BIT 20 into many products, as it is miscible with water in any ratio. Moreover, BIT 20 has a good thermal stability and low volatility, it can also be added at a very early phase in the production process without affecting the active content during the higher temperature process. BIT 20 is stable over a wide pH range of pH 4 - 12. All in all, it can be used in a wide scope of anti-microbial applications.

Also available is BIT 10 (10% active content) and BIT 33 (33% active content)

PACKING

220kg-drums on pallets

TRANSPORT INFORMATION

CORROSIVE LIQUID
UN3267 PACKING GROUP III

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