

# AXCID

# BIT- 20

## GENERAL

Chemical Name	1,2-benzisothiazolin-3-one
Chemical Formula	C <sub>7</sub> H <sub>5</sub> 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.

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