



Product Data Sheet - Paints and Coatings

Industrial and Consumer Specialties

Nipacide BIT 10 W

Biocide for in-can preservation

Product Description

Nipacide BIT 10 W is an in-can biocide based on BIT.

Nipacide BIT 10 W is a light colour, 10% active, VOC free, water-based solution of 1,2-benzisothiazolinone. Nipacide BIT 10 W is a low toxicity biocide developed for the complete in-can protection of water-based products.

Nipacide BIT 10 W is effective against a wide range of microorganisms including gram positive and gram negative bacteria, yeast and fungi. Nipacide BIT 10 W should be the biocide of choice for products with pH >8 and production temperatures of >40 C.

Benefits

- low VOC
- formaldehyde-free
- pH stable from 2-12
- temperature stable up to 100°C
- FDA approved for various applications
- bactericide
- fungicide

Technical Data

Product class	Benzisothiazolinone (BIT)
Physical form	Solution
Active content (ca.)	10%
pH stability	2 - 12
Temperature stability	100°C
Recommended use level	0.2 - 0.4%

Regulations and approvals	FDA 21 CFR 175.105 Adhesives FDA 21 CFR 176.170 Components of paperboard in contact with aqueous and fatty foods FDA 21 CFR 176.180 Components of paper and paperboard in contact with dry food. BfR XIV Plastic dispersions BfR XXXVI Preservative for Paper and Board
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Applications

Nipacide BIT 10 W is recommended for preservation of a wide range of applications:

- Water-based, casein, animal bone based and PVA adhesives
- Polymer emulsions including, SBR latex, Polyvinyl acetate and acrylic
- Water based decorative paints
- Metal working fluids
- Calcium Carbonate and Kaolin mineral slurries
- Concrete add-mixtures

Safety & MSDS

Use biocides safely. Always read the label and product information before use.

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