



Product Data Sheet - Paints and Coatings

Industrial and Consumer Specialties

Nipacide BIT 20 DPG

Biocide for in-can preservation

Product Description

Nipacide BIT 20 is an in-can biocide based on BIT.

Nipacide BIT 20 DPG is a glycol based solution; low toxicity biocide developed for the complete in-can protection of water based products. Nipacide BIT 20 DPG is effective against a wide range of microorganisms including gram positive and gram negative bacteria, yeast and fungi.

Nipacide BIT 20 DPG can be used over a wide pH and temperature range. Nipacide BIT20 DPG should be the biocide of choice for products with pH >8 and production temperatures of >40 C.

Benefits

- 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.)	20%
pH stability	2 - 12
Temperature stability	100°C
Recommended use level	0.1 - 0.25%
Regulations and approvals	FDA21 CFR 175.105 Indirect food additives: Adhesive and components of coatings- Adhesives FDA21 CFR 176.170 Indirect food additives: Paper and paperboard components-Components of paperboard in contact with aqueous and fatty foods FDA21 CFR 176.180 Indirect food additives: Paper and paperboard components-Components of paper and paperboard in contact with dry food. FDA 21 CFR.300 Indirect food additives: Paper and paperboard components-Slimicides. BFR Rec X1V Preservative for Polymer emulsions in food contact applications. BFR Rec XXXV1 Preservative for Paper and Board

Applications

Nipacide BIT 20 DPG is recommended for preservation of a wide range of applications including:

- 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

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