



Product Data Sheet - Paints and Coatings

Industrial and Consumer Specialties

Nipacide CI

Biocide for in-can preservation

Product Description

Nipacide CI is an in-can biocide based on CMIT/MIT.

Nipacide CI is a water based biocide, developed for the complete in-can protection of water based products including water based /Latex/PVA adhesives, PVA / Acrylic polymer emulsions, water based decorative paints, printing inks, metal working fluids and construction admixtures.

Nipacide CI is effective against a wide range of microorganisms including gram positive and gram negative bacteria, yeast and fungi. Thermal and pH stability for Nipacide CI is a critical consideration and it should not be used for products with pH >8.5 or production temperatures of >40 °C.

Benefits

- formaldehyde-free
- bactericide
- fungicide
- pH stable 4-9
- temperature stable up to 40° C
- FDA approved for various applications

Technical Data

Product class	Chloromethyl and methylisothiazolinone; formaldehyde-free
Physical Form	Solution
Active content (ca.)	14%
pH stability	4 - 9
Temperature stability	40°C
Recommended use level	0.0 - 0.03%
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 application BFR Rec XXXV1 Preservative for Paper and Board

Applications

Nipacide CI is recommended for preservation of a wide range of applications including:

- water-based / Latex / PVA adhesives
- PVA / Acrylic polymer emulsions
- water based decorative paints
- printing inks
- metal working fluids
- construction admixtures

Safety & MSDS

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

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