PRODUCT TECHNICAL DATA

In-Can Preservative Xytu® BIT20

Product Description

Xytu® BIT20 is a CIT/MIT-free in-can biocide and preservative for industrial waterborne products. It is resistant to high temperature and alkaline conditions and provides long-lasting microbial inhibition. It protects polymer emulsions, coatings, adhesives and pigment dispersions against spoilage caused by bacteria, yeasts and fungi.

Chemical and Physical Properties

Property	Typical value
Appearance	Yellow solution
Active content	20% w/w
pH (20°C)	9.0-12.0
Water solubility	Miscible with water
Solubility	Soluble in most low-molecular-weight alcohols and glycols
Application pH range	4.0-12
Application temperature	Up to 120°C

Product Features

- Good compatibility and broad applicability.
- Excellent alkali resistance.
- Effective over a wide application pH range of 4-12.
- Broad antimicrobial spectrum against bacteria, moulds and yeasts.
- No added formaldehyde or formaldehyde-releasing substances.
- High-temperature resistance and long-lasting protection.

Method of Use

Xytu® BIT20 can be added at any stage of production, but early addition is recommended. Confirm that temperature, pH and redox potential at the point of addition do not affect product stability. A compatibility test is recommended before first use. The product is miscible with water in any proportion and should be added to the system as early as practical.

Recommended Dosage

Recommended use concentration: 0.05%-0.3%, depending on the product and the environmental conditions of use.

Packaging, Storage and Transport

Packaging: 25 kg/drum and 1,000 kg/drum. Shelf life: 12 months. Store in a cool, ventilated place away from direct sunlight. The source technical sheet classifies transport as non-dangerous goods. Always follow the current SDS and applicable transport regulations.