SANITER 420

Biocide preservative for additives during storage and slimicide

PRODUCT DESCRIPTION

Saniter 420 is a special liquid microbicide product which is very powerful against micro-organisms.

BENEFITS

- Wide range of activity against fungi, yeasts and bacteria (for more details see “applications”).
- Micro-organisms elimination is obtained through the breathing chain blockage.
- Effective within a wide range of pH (from 6 to 9).
- Compatible with the main basic reagents.
- Biodegradable when it is not concentrated, not foamy.

PRODUCT APPLICATION

Product type PT06 Preservatives for products during storage (Preservatives)

Preservation of fluids used in paper, textile and leather production – Curative treatment

TARGET ORGANISM: Bacteria.

FIELD OF USE: Indoor.

Preservation of fluids used in paper, textile and leather production– The biocidal product is used to reduce contamination by bacteria in textile additives (woven and non–woven, natural and synthetic including silicone emulsions) processing chemicals, all chemicals used in the leather process industry and paper additives (e.g. water pigment pastes, starch, natural gums, synthetic and natural latexes, sizing agents, coating binders, retention aids, dyes, fluorescent whitening agents, wet–strength resins) used in paper mills. The biocidal product inhibits the growth microorganisms, which would otherwise lead to odours formation, viscosity alteration, discolouration of product and premature product failure.

APPLICATION METHOD(S): Closed system.

Manual and automated dosing.

The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.

APPLICATION RATES AND FREQUENCY
The biocidal product is added at single dose at time of manufacturing, storage or shipment. Industrial uses: 1,5– 14,5 % C(M)IT/MIT in the biocidal products. Professional uses Curative treatment: 16 to 30 mg/kg of C(M)IT/MIT (3:1) in final product - Contact time: 24 hours.
For the biocidal product as supplied: for industrial use only.

Preservation of glues and adhesives

TARGET ORGANISMS: Bacteria, Yeasts.
FIELD OF USE: Indoor.
Preservation of glues and adhesives: The biocidal product is recommended to control the growth of bacteria and yeasts in water–soluble and water–dispersed synthetic and natural adhesives and tackifiers in storage containers before use.
APPLICATION METHOD(S): Closed system.
Manual and automated application.
The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
APPLICATION RATES AND FREQUENCY
Industrial uses: 1,5– 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 8–30 mg/kg C(M)IT/MIT (3:1) in final product.
The biocidal product is added at single dose at the time of manufacture, storage or shipment.
To ensure uniform distribution, slowly disperse using automated metering or manual addition, into product with agitation. Mix thoroughly until evenly dispersed throughout the product.
For the biocidal product as supplied: for industrial use only.

Preservation of mineral slurries

TARGET ORGANISM: Bacteria.
FIELD OF USE: Indoor.
Preservation of mineral slurries: The biocidal product is recommended to control the growth of bacteria in aqueous– based inorganic/mineral slurries and inorganic pigments which are formulated into paints, coatings and paper.
APPLICATION METHOD(S): Closed system.
Manual and automated application.
The biocidal product should be dispensed as a tankside additive into the circulating use–dilution of the fluid, using a metering pump or by manual pouring, at a point to assure adequate mixing throughout the system.
APPLICATION RATES AND FREQUENCY
Industrial uses: 1,5– 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 10– 30 mg/kg of C(M)IT/MIT (3:1) in final product.
The biocidal product is added at single dose at the time of manufacture, storage or shipment.

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For the biocidal product as supplied: for industrial use only.

Product type PT12 Slimicides (Preservatives)

Slimicide treatment in the wet–end stage of paper manufacturing process

TARGET ORGANISMS: Bacteria, Yeasts, Fungi.

FIELD OF USE: Indoor.

Slimicide treatment in the wet–end stage of the paper manufacturing process (paper mills, wet–end stage (water circuits), and paper mills process system).

APPLICATION METHOD(S): Closed system.

Manual and automated dosing.

APPLICATION RATES AND FREQUENCY
Curative treatment: 10 to 14,9 g C(M)IT/MIT (3:1) / m^3 of water to be treated - Contact time: 24 hours. Preventive treatment: 5 g C(M)IT/MIT (3:1) / m^3 of water to be treated.

Preventive treatment (biofouling control) online and after cleaning in place for industrial RO/NF membranes

TARGET ORGANISM: Bacteria.
FIELD OF USE: Indoor.
Preventive treatment (biofouling control) online and after cleaning in place for industrial RO/NF membranes.
APPLICATION METHOD(S): Closed system.
Manual and automated dosing.
Biocidal product application on a routine basis will prevent biofilm growth on Reverse Osmosis or Nano Filtration membrane surfaces, feed spacer, filter media and pipework. The biocidal product should be dispensed to the feed water at a point to assure adequate mixing throughout the system.
APPLICATION RATES AND FREQUENCY
Preventive treatment: 5 g C(M)IT/MIT (3:1) per m^3 of fluid.
For more details please consult our experts.

It is recommended not to exceed the suggested dosages, which can however be optimized in collaboration with the local NCR Biochemical representative. The product must be used according to the control procedures established by the supplier for a specific application.

REGULATORY INFORMATION

It is suitable for the production of papers and boards for food contact: it complies with FDA 21 CFR 176.300, recommendation BfR XXXVI – 2004, Decreto Ministeriale 21/03/73 and subsequent amendments.

TYPICAL PROPERTIES

Appearance	Liquid
Colour	yellow
pH	2,5 ÷ 4,0
Density at 20 °C	1,03 ± 0,02 g/ml

For more information please refer to the SDS (Safety Data Sheet) Section 9.

STORAGE AND PACKAGING

Storage: keep inside the original well-closed containers in a well-ventilated place. Keep away from intense cold and heat. Recommended storage time: 1 year.

Standard packaging: 20 kg jerrican, 200 kg drum, 1000 kg IBC.

HANDLING AND PRODUCT SAFETY

Please read the SDS (Safety Data Sheet) carefully before using this product.

Use biocides with caution. Before use, always read the label and product information.

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