

NOPCOCIDE® N-98

Use

NOPCOCIDE N-98 is a microbicide with a broad application spectrum in the prevention of mold formation in aqueous and solvent-based coatings.

Composition

Tetrachlorisophthalonitrile

Specification

Active substance (Q-C 3031.0)	98 - 100%
Degree of grinding (Coulter Counter / Q-P 2165.0)	2 - 5 µm

Additional data

Melting range	250 - 251 °C
Boiling point	350 °C at 769 mm Hg
Specific gravity	1.8 g/cm ³
Colour	white to light grey
Odour	odourless
Corrosion	does not corrode metals
Stability	- stable at normal storage temperature - chemically stable in moderately alkaline or aqueous acidic environment - stable in ultraviolet light

Properties

NOPCOCIDE N-98 exhibits the properties required for the production of mold-resistant coatings:

- extremely low solubility in water,
- low vapour pressure,
- fine particle size,
- excellent pH-stability.

Application

NOPCOCIDE N-98 is compatible with zinc oxide in dispersions. It can be added to solvent-based coatings or to dispersion paints based on polyvinyl acetate or polyacrylates and their copolymers.

If an in can preservative is used together with NOPCOCIDE N-98 its compatibility with the film preservative should first be checked. When certain in can preservatives are used, discolouration can occur during storage in the containers.

Dosage

In exterior dispersions the addition of 0.6 to 1.2% is usually sufficient, based on finished product.

In solvent-based systems 0.6 to 1.4% is added, also based on finished product. Indoor use is not recommended.

It is recommended that NOPCOCIDE N-98, a micronized powder, be added to the grinding stage before pigment dispersion. Normal paint production equipment is adequate.

Regulatory Status

DSL, TSCA, EINECS, PICCS, AICS, ECL, ENCS/MITI, ECS

Miscellaneous

Tetrachloroisophthalonitrile can cause temporary allergic secondary reactions such as reddening of the eyes, mild bronchial irritation, and reddening or a rash on the skin affected. People who exhibit an allergic reaction should consult a doctor.

Take care that the product does not come into contact with eyes, skin or clothing. Wear protective goggles, a face mask and protective gloves. Do not inhale product dust suspended as a mist in the air, as this is harmful to health. Further information is given in the Safety Data Sheet.

Revision-No.

2-05.2003 Effective May 14, 2003

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

