



# PRODUCT DATA

Troy Chemical Company B.V

www.troycorp.com

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Product Code: 22807

## Troysan® S89 Paste

Cost-effective, broad-spectrum, dry-film preservative for various applications

### Description

The product is a dry-film preservative that provides protection against fungal and algal growth on surfaces. It is a free-flowing, aqueous, VOC-free dispersion product.

### Application/Use

The product is useful for the protection of various systems for exterior applications such as paints, coatings, stuccos, adhesives, sealants, and other industrial applications.

The product is usually suitable for use under the following conditions:

pHs between ..... 3 - 10

Temperatures up to ..... 60 °C

### Product Highlights

- Broad-spectrum efficacy against fungi and algae
- Free of N labelling at typical use levels
- Free of VOC
- Cost effective
- Alkaline stable

### Physical Properties

These properties are typical properties of the product. They are not product specifications.

Appearance: ..... Off-white, free-flowing dispersion

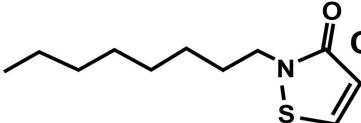
Specific Gravity, 20 °C [g/ml]: ..... ca. 1.1

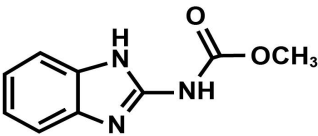
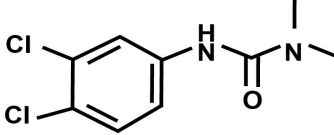
pH (as is): ..... ca. 7

Viscosity, 20 °C [mPas]: ..... 2.000 - 10.000

Solubility: ..... Dispersable in water

### Active Substances

2.2 %	2-Octyl-2-isothiazolin-3-one	 <p><b>OIT</b> C<sub>11</sub>H<sub>19</sub>NOS</p>
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<b>10 %</b>	<b>Carbendazim</b>	 <b>BCM</b> $C_9H_9N_3O_2$
<b>19 %</b>	<b>Diuron</b>	 <b>Diuron</b> $C_9H_{10}Cl_2N_2O$

## Function/Activity

### Suggested Application Level

Suggested use levels are based on laboratory and field evaluations and are typical for the applications indicated. The actual level required for your system is formulation specific. The selection of the individual components of the formulation, the substrate to be coated, and the environment in which the coating will be exposed all have an influence on the amount of protection needed. Suggested use levels are reported as percentage of the end-use product.

Exterior paints and coatings .....	0.4 - 0.9 %
Exterior stuccos .....	0.3 - 0.7 %
Adhesives and sealants .....	0.4 - 0.9 %

According to EU regulations, product label is free of symbol up to the following use-level: ..... 0.13 %

The risk phrase R52/53 is required between use-levels of 0.13% and 1.0%.

Paints, coatings and stuccos: In hot, humid areas where the microorganisms are a particularly severe problem, the upper application levels are suggested.

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Adhesives and sealants: The product can be used as an additive to prevent the growth of microorganisms in both, the wet stage and cured adhesives and sealant formulations.

TROY's Microbiological Laboratory is available to provide additional assistance in determining the proper level of protection needed for your system.

## Formulating Considerations

### General Formulation Notes

The product should be added with good agitation or mixing at the end of the manufacturing cycle after pH adjustments have been made (not during the grind).

It is compatible with most known aqueous systems.

Due to various possibilities of application and different methods of processing, it is advised to check compatibility in the development of new products.

For further assistance, please contact your TROY representative.

VOC content according to EU directive 1999/13/EC:.....	0 %
VOC content according to EU directive 2004/42/EC (DecoPaint Directive):.....	0 %

## Packaging

The product is packaged in:

Shipping Container	Net Weight	Shipping Container	Net Weight
Can	30 kg	ibc	1050 kg
Drum	220 kg		

## Product Safety Information

For the most updated and complete information on classification, labeling and transport, as well as handling and storage, health and safety please refer to the most current Safety Data Sheet.

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