

HALAMID®

Universal Disinfectant

AXC.12.04

General Information

Halamid® is the world's most well-known universal disinfectant, with an impressive track record.

Description and Application

Halamid® is a universal, readily biodegradable disinfectant which is widely used as a germicide in sanitary practices. Halamid® is already effective at very low dosage (0.01%) against bacteria (Gram + and Gram -), viruses (naked as well as enveloped) and fungi. It can be used in a wide range of temperatures. Since no microorganism is able to build resistance against Halamid® it can be applied for an indefinite period of time.

Halamid® is safe to handle in either powder form or when dissolved in water. Halamid® is safe to nature as it is readily biodegradable. The shelf life of Halamid® is 2 years.

Halamid® is a universal disinfectant with a wide activity spectrum yet mild to steel and other materials. Many branches of industry make use of Halamid® like:

- Aquaculture
- Intensive farming
- Health care and public areas
- Food industry
- Slaughterhouses and meat-packers
- Breweries and soft drink industry
- Dairy and margarine industry
- Sugar and potato industry
- Industrial and institutional cleaning
- Veterinary industry

Halamid® can be used yet is not limited to applications like:

- Washing powder disinfectant
- (Drinking) water disinfection
- Deodorisation of gas and wastewater
- Equipment disinfection

Mode of Action

Halamid® works via an oxidizing mechanism. If dissolved in water Halamid® ionises. In this way chlorine is slowly released which will destruct cell walls of microbes. There is no chance of creating resistance or adaptation. The high stability of the ion gives Halamid® a kind of "reservoir capacity", so its activity is not spent at once but remains present over a longer period.

Specifications

Active content:	98.0 - 103%
Turbidity *):	≤ 5 FTU
pH:	8.0 - 10.3
Colour **):	≤ 25 Pt/Co

*) 0.5 % solution in water

**) 5% solution in water

Physical Properties

Density:	540-680 kg/m ³
Appearance:	white crystalline powder
Flash point (closed cup):	192°C
Solubility in water:	150 g/l (25°C)

Toxicological information

Acute toxicity (oral):	LD50 rat > 1000 mg/kg
Acute toxicity (fish):	96h-LC50 >31 mg/l
Acute toxicity (Daphnia):	48h-EC50: 4.5 mg/l
Genotoxicity (Amestest):	not mutagenic
Biodegradation:	readily biodegradable

Packaging

- 25 kg 3 ply paper bags, 35 on a pallet.
- 25 kg polyethylene drums, 24 on a pallet.
- 2 kg buckets, 6 in box, 50 boxes on a pallet.
- 5 kg buckets, 80 on a pallet.
- 1000 kg big bag.

Small packaging available on request

Storage

Store in a cool dry place. Do not store in direct sun light. Opened packaging must be closed properly.

Think about your impact on the environment: reduce, reuse or recycle! Contact Axcentive if you feel we could be of help.

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

HALAMID® is a registered trademark of Axcentive SARL

Europe, Americas, Middle East and Africa
Axcentive SARL
Chemin de Champouse
13320 Bouc Bel Air, France
Phone: +33 4 42 69 40 90
E-mail: info@axcentive.com
Web: www.halamid.com

Asia, India and Australasia
Axcentive Asia Pte Ltd
13 Lorong 8 Toa Payoh, #07-01 Braddell Tech Park
319261 Singapore
Phone: +65 6258 6338
E-mail: info@axcentive.com
Web: www.halamid.com