

# 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 <sup>3</sup>
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.*

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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