

## HALAMID® PG

Universal disinfectant listed in pharmacopoeias

AXC.42.04

### General Information

Halamid® PG is a universal disinfectant, listed in the various international pharmacopoeia directories.

### Description and Application

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

It can be used in a wide range of temperatures.

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

Halamid® PG is listed in the various international pharmacopoeia directories. It can be used as a universal, readily biodegradable disinfectant in applications that require pharmacopoeia standards, like cleanrooms, medical devices or pharmaceutical installations.

### Mode of Action

Halamid® PG works via an oxidizing mechanism. If dissolved in water Halamid® PG 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® PG a kind of "reservoir capacity", so its activity is not spent at once but remains present over a longer period.

### GMP

Halamid® PG is produced at a site used to Good Manufacturing Practice Rules. Its manufacture is ISO 9001 certified and meets most requirements of international pharmacopoeias.

### Specifications

Active content:	98.0 - 103%
Turbidity *):	≤ 5 FTU
Colour *):	≤ 25 Pt/Co
pH:	8.0 - 10.0
Ethanol insoluble:	≤ 1.5%
Ortho compound **):	≤ 0.5%
EP identification test:	Passes

\*) 5% solution in water

\*\*) An ortho content of 0.5 % corresponds with a crystallisation point of the corresponding amide of ≥ 136.5 °C.

### Physical Properties

Density:	540-680 kg/m <sup>3</sup>
Appearance:	white crystalline powder
Flash point (dosed 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 polyethylene drums, 24 on a pallet.

### Storage

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

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