

# Technical Datasheet



**Trade name :** Power Cleaner 300  
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## Description

bio-chem Power Cleaner 300 is a Highly efficient, phosphate- and VOC-free detergent-based intensive cleaning concentrate (highly concentrated, can be diluted with water up to 1:40) with special penetration. It removes fast and reliably even the strongest residues, such as lime scale- and boiler scale residues, rust and corrosion, cement residues, wall rot and sodium nitrate, salt scum and oxide stains, urine scale, as well as grease and protein residues, oil- and grease incrustations from exposed-aggregate flagstone, reinforced concrete, buildings, tombstones and natural stone, interlocking stone, tiles. Glass remains unaffected.

## Chemical characterisation

Water-based, acidic cleaner

## Classification according to Regulation (EC) No.1272/2008 [CLP]

Eye Irrit. 2; H319 - Serious eye damage/eye irritation: Category 2A; Causes serious eye irritation.  
Skin Irrit. 2; H315 - Skin corrosion/irritation: Category 2; Causes skin irritation.  
Met. Corr. 1; H290 - Corrosive to metals: Category 1; May be corrosive to metals.  
STOT SE 3; H335 - STOT-single exposure: Category 3; May cause respiratory irritation.

## Transport information

ADR : UN 1760 CORROSIVE LIQUID, N.O.S. ( HYDROGEN CHLORIDE )

## Water hazard class (Classification according to VwVwS)

Water hazard class : 1 (Slightly hazardous to water)

## Labelling for contents according to regulation (EC) No. 648/2004

< 5 % anionic surfactants

## Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

## Application

bio-chem Power Cleaner 300 is ready to use, for stubborn contaminations simply spray on, let it take effect, and wipe or rinse off. The Cleaner can be diluted with water up to 1:40 for slightly contaminations. An increased application temperature cuts the cleaning time.

## Technical data

Appearance :	liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	ca. 96 °C	Solidifying temperature :	not determined
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1.1 g/cm <sup>3</sup>	pH-value (10 g/l) :	ca. 1.6
VOC (EG) :	0 Wt %	VOC (CH) :	0 Wt %

## Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 12

## Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product		Waste code acc. EWC/AVV for packaging	
07 06 01*	aqueous washing liquids and mother liquors	15 01 02	plastic packaging
20 01 29*	detergents containing dangerous substances.		

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

## Order information

**A50014** 500 ml plastic bottle with trigger – TU 20 x 500 ml (1 box)  
**A02014** 20 l Jerry can  
**A20014** 200 l Drum