

# Technical Datasheet



Trade name : CB 100  
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## Description

bio-chem CB 100 is a low-foaming, aqueous, phosphate- and solvent-free cleaner that benefits from the power of Nature. The water-based cleaner features a pleasant scent and bases on renewable raw materials. These natural ingredients impart the cleaner its excellent dissolving power. The surface will not be damaged and the original look will be restored. It will remove strong contaminations, such as rubber marks and -residues, bitumen- and wax residues, grease, oil carbon, soot and pastes from steel, stainless steel, aluminium, non-ferrous metals and other surfaces. Its innovative active substances guarantee strong cleaning performance. For use in food industry: NSF-registration-no.: 146719; Category-Code: C1

## Chemical characterisation

Water-based alkaline cleaning agent.

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

none

## Transport information

ADR : -

## Water hazard class (Classification according to AwSV)

Water hazard class : 2 (Significant hazardous to water)

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

5-15 % non-ionic surfactants  
< 5 % anionic surfactants  
< 5 % amphoteric surfactants  
Perfumes

## 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 or continuous skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

## Application

bio-chem CB 100 is suitable for manual and mechanical cleaning. It cleans and degreases heavily polluted parts made from different kinds of material. Before cleaning aluminium-, plastic- or vanished surfaces, a compatibility test is recommended. CB 100 is a ready-to-use product and should not be diluted. It is already effective at room temperature for manual cleaning; the optimal operating temperature for the use in machines are 40°C. For use in food industry: Rinse surface with potable water after cleaning.

## Technical data

Appearance :	liquid	Solidifying temperature :	< 0 °C
Colour :	colourless	Ignition temperature :	not relevant.
Odour :	apple	Upper explosion limit :	not relevant
Boiling temperature :	ca. 100 °C	pH-value :	10,8
Flash point :	not relevant	VOC (CH) :	1 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1,014 g/cm <sup>3</sup>		
VOC (EG) :	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**  
20 01 29\* detergents that contain hazardous substances.

**Waste code acc. EWC/AVV for packaging**  
15 01 02 plastic packaging

The waste code for used product depends on the kind of contamination that were washed from spare parts and may be different to those stated here. Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Un-cleaned packaging must be disposed of in the same manner as the medium.

## Order information

<b>A50025</b>	500 ml PET bottle with trigger – TU: 20 x 500 ml (1 box)	<b>A20025</b>	200 l Drum
<b>A02025</b>	20 l Jerry can	<b>A10025</b>	1000 l IBC

( EN )