

# Technical Datasheet



**Trade name :** CB 100 Alu LR  
**Reviewed:** 05.05.2017  
**Date of print :** 08.11.2017

**Page :** 1 of 1

## Description

bio-chem CB 100 Alu LR is a low-foaming, water-based, phosphate- and solvent-free cleaner with strong solute power to remove heavy soiling such as special greases, rubber, bitumen and wax residues, oils and pastes. The aqueous cleaner is based on renewable raw materials. These natural ingredients impart the cleaner its excellent, strong dissolving power. The surface is not attacked and the original appearance is restored. A special aluminium protection formula prevents the tarnishing of aluminium, brass and non-ferrous metals.

## Chemical characterisation

Water-based, slightly alkaline cleaning agent.

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

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## Transport information

ADR : -

## 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  
< 5 % amphoteric surfactants  
< 5 % non-ionic 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 and enduring skin contact
Respiratory protection:	Combination filter system EN 14387	In case of exceeding exposure limit values

## Application

bio-chem CB 100 Alu LR is ready for use and suitable for both manual and machine use as well as for ultrasonic- and dipping bath cleaning. For the effective cleaning of heavily soiled components of various materials, even at room temperature. If necessary it can be heated up to 40 °C, thus increasing the cleaning performance.

## Technical data

Appearance :	liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	ca. 100 °C	Solidifying temperature :	< 0 °C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1,00 g/cm <sup>3</sup>	pH-value :	ca. 8,5
VOC (EG) :	0 Wt %	VOC (CH) :	< 3 Wt %

## Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 5 °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 contaminations 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. Uncleaned packaging must be disposed of in the same manner as the medium.

## Order information

**A01036** 10 l Jerry can  
**A03036** 30 l Jerry can

**A20036** 200 l Drum  
**A10036** 1000 l IBC