

Technical Datasheet



Trade name : CB 100 Alu
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Description

bio-chem CB 100 ALU is a VOC free and water based cleaner with a strong dirt removing property. CB 100 ALU easily removes contaminations such as rubber marks and -residues, bitumen- and wax residues, grease, oil carbon, soot, and pastes from steel stainless steel and other surfaces. A special aluminium protection formula prevents the discoloration of aluminium- and non-ferrous metals- surfaces. CB 100 ALU is less foaming from temperatures above 35 °C. bio-chem CB 100 Alu is compatible with oil separators.

Chemical characterisation

Water-based light alkaline cleaning agent with surfactants for cleaning and degreasing.

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 : 2 (hazardous to water)

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

< 5 % amphoteric surfactants
5 - 15 % 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 or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

bio-chem CB 100 Alu is a ready-to-use product for manual use with cloth or brush. It is an excellent alternative to (VOC containing) solvents and kerosene. Bio-chem CB 100 Alu is as well for use in cleaning machines such as ultrasonic devices and immersion baths. It is working effectively at room temperature and should not be heated above 30-35 °C while used in machines. For use in HTW or BIO-CIRCLE Turbo the optimal working temperature is between 40 °C and 50 °C.

Technical data

Appearance :	Liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	ca. 98 °C	Solidifying temperature :	ca. 0 °C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1,03 g/cm ³	pH-value :	8,8
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 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 containing dangerous 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

A50049	500 ml PET bottle with trigger – TU: 20 x 500 ml
A01049	10 l jerry can
A03049	30 l Jerry can
A20049	200 l Drum
A10049	1000 l IBC