

Technical Datasheet



Trade name : BIO-CIRCLE L Evo
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Description

BIO-CIRCLE L Evo is a foamless, water-based, cleaning agent for cleaning and degreasing. It is slightly alkaline and free of silicates. BIO-CIRCLE L Evo cleans and degreases contaminated components of different materials such as aluminum, galvanized surfaces, non-ferrous metals, steel / stainless steel, plastic and all other alkali resistant surfaces.

Chemical characterisation

Water-based, slightly alkaline cleaner with natural micro-organisms (risk group 1: no risk for human beings and vertebrates, current state of art).

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

None

Transport information

ADR : -

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

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

< 5 % non-ionic 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-CIRCLE L Evo is a cleaning agent especially developed for the BIO-CIRCLE and high-pressure spray-application also from sensitive metals. BIO-CIRCLE L Evo cleans and degreases contaminated parts of various materials such as aluminum, zinc surfaces, metals, steel, plastics and all alkaline surfaces. Dipping bath cleaning is another use in which BIO-CIRCLE L Evo is working excellent.

For best cleaning results we recommend to heat from 41 °C to 50 °C.

Technical data

Appearance :	liquid	Solidifying temperature :	ca. 0 °C
Colour :	colourless	Ignition temperature :	not relevant.
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	ca. 100 °C	pH-value :	ca 8
Flash point :	not relevant	VOC (CH) :	< 2 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1 g/cm ³		
VOC (EG) :	< 1 Wt %		

* CH: The product is not subject to the VOC duty according to VOC regulation.

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 30 detergents other than those mentioned in 20 01 29.

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

A02093 20 l Jerrycan
A20093 200 l Drum
A10093 1000 l IBC