

Technical Datasheet



Trade name : BIO-CIRCLE L Evo
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Description

BIO-CIRCLE L Evo is an effective, neutral to mildly alkaline, surfactant cleaner with microorganisms (Risk Group 1: No risk for human beings and vertebrate animals, according to the current state of the art). It is free of salts and silicates and can be used in many ways. 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.

For use in the food industry: NSF registered (Reg.-No. 160771, Cat. Code C1)

Application

BIO-CIRCLE L is a cleaning agent for the BIO-CIRCLE Parts Washer and high-pressure spray washing machines. The microorganisms contained in the product can affect the pH level through temporary active phases during storage. pH levels that fall below specifications will return to normal during use in the intended machines. Pour BIO-CIRCLE L Evo undiluted into the BIO-CIRCLE Parts Washers; do not add water! Fill only with genuine BIO-CIRCLE L Evo. The product should be continuously aerated and maintained at a temperature between 41–50 °C during its use in a machine. Do not add strong acids, alkalis, disinfectants, or solvents to BIO-CIRCLE L Evo.

When used in the food industry: Rinse the surface with potable water after cleaning.

Concentration recommendations (in volume%) for typical uses of the product:

BIO-CIRCLE Parts Washers	100	(Bio-) Hot Water Partswasher	100	BIO-CIRCLE HP Vigo	100
BIO-CIRCLE Turbo	100	-	-	BIO-CIRCLE HP	100

Compatibility with common materials:

Steel / Stainless steel		Aluminium		Non-ferrous metals	
plastics		painted surfaces		Galvanized surfaces	

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
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Environmental Aspects

BIO-CIRCLE L contains no VOCs, as defined by EU legislation, and provides an alternative to conventional, solvent-based degreasing methods. The product is used in BIO-CIRCLE Parts Washer, a closed loop system. Thanks to the contained microorganisms, oils are broken down, which extends the cleaning agent's service life. The product's low hazard potential also increases workplace safety.

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

Not classified according to CLP regulation

Transport information

No dangerous goods according to the transport guidelines

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Order information

A02093 20 l Jerry can
A20093 200 l Drum
A10093 1000 l IBC