Technical Datasheet

DE
BIO-CIRCLE®
MAKING GREEN WORK.

Trade name :	FOR CLEAN		MAKING GREEN
Reviewed:	03.11.2022		
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Description

FOR CLEAN is a water based, solvent- and phosphate-free cleaner to remove contaminations like oils, greases, waxes, resins, soot, nicotine, insect dirt, food-residues and much more. The cleaner is based on renewable raw materials.

Chemical characterisation

Water-based light alkaline all-purpose cleaning agent.

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

none

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Transport information

ADR : -

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

holling t	or contents accordin	a to requisition	

< 5 % anionic 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 or continuous skin contact

 Respiratory protection:
 Combination filtering device DIN EN 14387
 In case of exceeding exposure limit values

 Under normal conditions not needed
 Under normal conditions not needed
 In case of exceeding exposure limit values

Application

FOR CLEAN is ready-to-use and can be diluted up to 1:100 with water. FOR CLEAN can be used in ultrasonic devices or simply applied on the surface for manual cleaning, leave in a short time and wipe off. After use in the food industry: rinse the cleaned surface with potable water.

Note: Do not use the concentrated cleaner on aluminum and zinc coatings. In case of sensitive materials, please test the product prior to the actual use on an unobtrusive spot.

Technical data

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Appearance :	liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	approx. 100 °C	Solidifying temperature :	approx. 0 °C
Flash point :	not relevant	Ignition temperature :	not relevant.
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	1,03 g/cm ³	pH-value :	approx. 10
VOC (EG) :	0 Wt %	VOC (CH) :	2,5 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	e acc. EWC/AVV for unused product
20 01 29*	detergents that contain hazardous sub-

stances.

Waste code acc. EWC/AVV for packaging15 01 02plastic 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.

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