Crioch Industries

bio-chem Surface Technology

MAKING GREEN WORK.

BIO-CIRCLE®

Cleaning and Degreasing

www.criochindustries.co.uk

Bio-Circle Surface Technology GmbH •Motorsport News
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bio-chem cleaners

Effectiveness redefined: Removing persistent contaminations safely, using the innovative bio-chem cleaners.

NEW GS 200

VOC free!

Coconut Power

bio-chem GS 200 removes cracking, persistent greases, anti-rust waxes (also Tectyl), bitumen, polymers, adhesive residues, sealing compounds (also silicone), rubber and many more in a natural way. The extremely economical cleaner operates on the basis of renewable raw materials and is the effective alternative to solvents containing VOC and/or irritant substances.

- **VOC-free**
- **High flash point (~ 100 °C/212 °F) enhances safety during application**
- **Not subject to mandatory labelling in accordance with the EU directives**

Tip:
Also for cleaning spray guns or tools contaminated with varnish!

- **A50065** 500 mL PET bottle with trigger
- **A01065** 10 L jerrycan
- **A03065** 30 L jerrycan
- **A20065** 200 L drum
- **A10065** 1000 L IBC

Floor Cleaner

VOC free!

Applicable in food industry!

Effective solution for everyday mechanical and manual floor cleaning. The **bio-chem Floor Cleaner** guarantees fast and thorough dirt removal even from small cracks and recesses.

- **Highly concentrated, can be diluted to 1:100**
- **Not subject to mandatory labelling in accordance with the EU Directive**
- **No phosphate, no chelating agents, no AOX compounds**

- **A01015** 10 L jerrycan
- **A03015** 30 L jerrycan
- **A20015** 200 L plastic drum
- **A10015** 1000 L IBC

UNO W

VOC free!

Powerful cleaner. Dissolves vigorously oils, greases, resins, nicotine, and insect speck from workshop appliances, tools, and vehicles.

- **Compatible with oil separators, tested in accordance with ÖNORM B5105**
- **Not subject to mandatory labelling in accordance with the EU Directive**
- **Material-conserving and non-abrasive**

- **A00189** 1000 mL plastic bottle with trigger
  Trading unit: 10 x 1000 mL (1 box)
- **A01089** 10 L jerrycan
- **A03089** 30 L jerrycan
- **A20089** 200 L drum
- **A10089** 1000 L IBC

bio-chem parts cleaning

The Clean Box is the ideal box for mobile cleaning, degreasing, derusting, soaking, pre-cleaning, and much more.

NEW Clean Box

H0040 BIO CIRCLE Clean Box
H0041 BIO CIRCLE Clean Box Mobile

The Clean Box can be used flexibly as an immersion box, transport box or for draining. Typical bio-chem products for the Clean Box are CB 100, GS 200 and BIO-RUST. The Clean Box is robust and has been designed for practical mobile use of water-based, acidic, and also alkaline bio-chem cleaners. The Box consists of the immersion box, the lid, and the immersion basket. By performing a 180° turn the immersion basket can be stacked on the inner edges.

- **Cleaning agent is available for further applications**
- **Guarantees clean and economical handling**
- **Can be closed with the functional lid**
- **Ergonomic handles**
- **Clean Box Mobile with a trolley ensures effortless transport**
- **Can be used in the food industry**

Features:

Easy to handle, mobile, stackable
Can be used flexibly
With minimum space requirements
Immersion box for draining
Clean and economical

Application:

Fill the Clean Box with the desired cleaning agent from the bio-chem product range, put the soiled part in the immersion basket, dip it with the immersion basket in the cleaning agent and let it soak. Upon completion of the soaking process lift the immersion box, perform a 180° turn and position it on the inner edges . Liquid residues will drip off, and then the thus pre-dried parts are taken out.

NATURE BOOST

Works with the Cleaning solutions from the nature boost range, CB100 and GS200

bio-chem parts cleaning

Effective biological parts cleaning can be so easy

Frequently oil contaminations on engines, components and gear-boxes are cleaned with brake cleaners. Apart from the costs, the issues of environmental protection and, above all, explosion hazards determine the decisions. The BIO-CIRCLE parts washer removes these contaminations in an eco-friendly way and helps meet the high requirements of the Solvents Regulation.

The advantages at a glance:

- **Water-based, with natural microorganisms**
- **No hazardous material, no hazardous goods, no fire hazard**
- **Long operating life thanks to biological oil degradation**
- **Compatible with oil separators, tested in accordance with ÖNORM B5105**

	BIO-CIRCLE Mini	BIO-CIRCLE Compact	BIO-CIRCLE Maxi
Work surface (W x D)	610 x 500 mm	740 x 540 mm	880 x 580 mm
Payload	90 kg	100 kg	220 kg
Working height	1010/820 mm	1040/900 mm	960/820 mm
Operating temperature	15 – 48 °C, factory-set at approx. 41 °C	15 – 48 °C, factory-set at approx. 41 °C	15 – 48 °C, werks. factory-set at approx. 41 °C
Heating	Approx. 700 W	Approx. 750 W	Approx. 750 W
Pump	40 W	40 W	40 W
Optimum filling quantity	80 litres	90 litres	100 litres
Material	LDPE	LDPE	LDPE
Empty weight	Approx. 40 kg	Approx. 45 kg	Approx. 60 kg
Power supply	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Order number	**G70026**	**G50026**	**G60026**

BIO-CIRCLE Mini – ideally suited for use in workshops

- **Mobile device – cleaning works for diagnostic purposes can be carried out directly on/under the vehicle**
- **In brake repair dirt and dust can be removed easily**
- **Acceleration of the working process because vehicles do not have to be taken to the car wash facility so often**

* The used micro-organism are non-pathogen bacteria of group 1 acc. to Directive 2000/54/EC.

(**Group 1** means that it is unlikely to cause human disease).

BIO-CIRCLE® Turbo

Two in one
– mechanical and manual cleaning

With the BIO-CIRCLE Turbo parts can be cleaned fast and accurately with the flow brush. The fully automatic cleaning guarantees effective and cost-efficient cleaning.

- **Sturdy, made entirely of stainless steel**
- **Compact design**
- **Easy handling**
- **High cleaning power"**

	BIO-CIRCLE Turbo
Internal diameter basket (mm)	775 mm
Payload	150 kg
Working height	900 mm
Operating temperature	50 °C, Factory-set variable 40 – 60 °C
Heating	approx. 4,5 kW
Pump	0,55 kW
Optimum filling quantity	160 litres
Material	stainless steel
Empty weight	approx. 330 kg
Power supply	400 V, 50 Hz
Order number	**G40027**

BIO-CIRCLE Turbo: 2 in 1 – mechanical and manual cleaning

INDUSTRIE PREIS 2008

We have been conferred the 2008 Industry Award **"Environmental Technology"** by the Initiative Mittelstand.

The new BIO-CIRCLE Liquid range – the right solution for every application!

VOC free!

NSF Nonfood Compounds Program Listed (139721) (C1)

Five efficient BIO-CIRCLE Liquids guarantee optimal results in parts washing.

- **BIO-CIRCLE L**
- **BIO-CIRCLE L Ultra**
- **BIO-CIRCLE L Aluminium**
- **BIO-CIRCLE L Heavy Duty**
- **BIO-CIRCLE L Turbo**

Coconut Power

NEW:
Coconut Power also in BIO-CIRCLE with BIO-CIRCLE L Ultra!

Bio-Circle Surface Technology GmbH

Bio-Circle Surface Technology GmbH
Berensweg 200
D-33334 Gütersloh
Telephone: +49 (0)5241 9443-0
Telefax: +49 (0)5241 9443-44

Crioch Industries Limited

Unit 5 Huddersfield Street Industrial Estate
Galashiels
United Kingdom
TD1 3BF
Telephone: +44 1896 755 288

E-mail: info@criochindustries.co.uk
www.criochindustries.co.uk