

MANUAL SURFACE CLEANING

**SPRAY ON
WIPE OFF
CLEAN**



**MAKING
GREEN
WORK.**



VISION

WE FOR YOU



Bio-Circle Online Shop 24/7:
Order around the clock



More info in our shop!



THINK HOLISTICALLY. ACT SUSTAINABLY.

Bio-Circle Surface Technology GmbH – your reliable partner for industrial products for **cleaning, welding, protecting, and lubricating.**

Environmentally friendly and user-friendly. For manual and automatic parts cleaning. With almost 40 years of know-how and experience in research, product development, process optimization, sales, and service.

With a global network and with production sites and partners. With around 190 employees, the Gütersloh site is the Bio-Circle headquarters. All products are developed and manufactured here for Germany, Europe and beyond. Made in Germany.



SUSTAINABILITY AND QUALITY

Aware of our responsibility for the environment, we introduced an environmental management system **as early as 1996**, which has been **continuously certified by LRQA** in accordance with the requirements of the **globally valid DIN ISO 14.001 standard**. **Since 2020**, we have also participated in **ecovadis** – the independent sustainability ranking for companies – and have had ourselves evaluated.

With our activities in the field of sustainability, labour and human rights, ethics, and sustainable procurement, we were **once again** able to achieve the **ecovadis Bronze Ranking in 2023**.

As a sustainably-minded company, we not only attach great importance to the best product performance, but also to the best environmental compatibility.



SET HIGH STANDARDS!

The way the company works is reflected in the six building blocks of the circle. They are constantly reviewed and optimized. Transparency and sustainability are the basis of all these building blocks that interlock like cogwheels. Bio-Circle products cannot save the world, but they can contribute to the conscious treatment of the environment and our fellow human beings.

A clean world with you at the centre – this vision has shaped the company's thoughts and actions for almost 40 years. Especially nowadays there is a lot of talk about sustainability. But the only thing that counts is to act sustainably.



Sustainable raw materials

As a manufacturer of industrial cleaners and cleaning systems, Bio-Circle has a great responsibility. After all, these products have a high value in the maintenance of machines, plants, and components. They are an important part of the production chain in every industry. We take a close look and use sustainable raw materials to produce **environmentally friendly and user-friendly industrial cleaners**.



Innovative products

Bio-Circle has always been committed to sustainability in an industry where the harmful effects of solvents on the environment, humans and animals are still being glossed over. Our innovative products for the cleaning sector stand for **safe application** in manual and automatic parts cleaning.

We are pioneers, we do things differently and we walk a straight path. We formulate and produce industrial cleaners that are non-labelled and low-labelled. In our own laboratory and in our own production facilities.



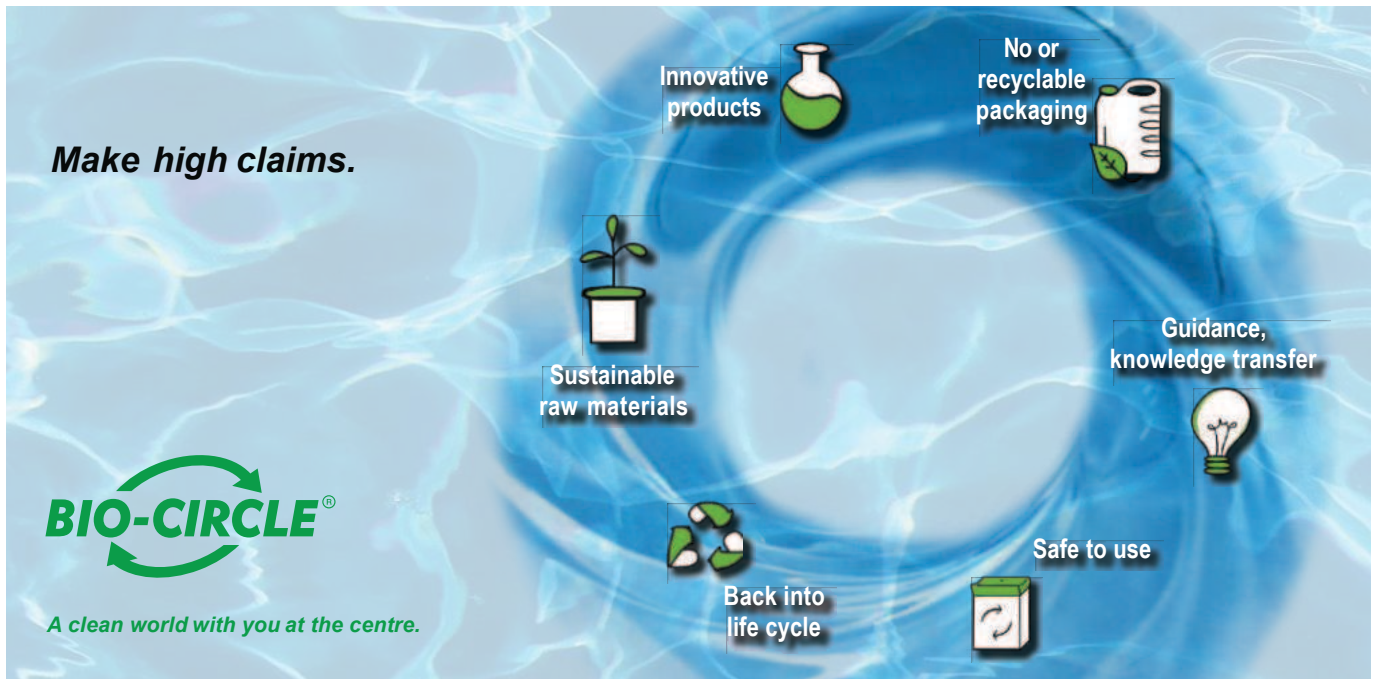
No or recyclable packaging

The piles of rubbish are getting higher and higher, the plastic vortexes in the oceans are getting bigger and bigger. These are just two problems – we all know that. When it comes to packaging, Bio-Circle is constantly moving forward and developing.

The best bottle is no bottle, because refillable application systems are the solution – they make bottles dispensable! And if there's no other way, we have recyclable 500 ml PET bottles made from **100% recycled material**.

To make your work easier, cleaners in IBCs and 200-litre drums can be transferred into 20-litre jerrycans with hand pumps. Of course, the IBCs, drums and jerrycans are made of the **easily recyclable** plastic HDPE.

In **shipping**, only **recycled and recyclable paper** that has been awarded the 'Blue Angel' eco-label is used as filling material. In addition, we ship **CO₂-neutral** through our parcel service provider and our freight forwarder.



Sound advice and knowledge transfer

We share our experience and know-how with you so that you can clean easily, quickly, safely, cost-efficiently and in an environmentally friendly way.

You have questions, we provide answers. If you are satisfied with the cleaning performance and with your work, if we have been able to optimise your work processes – then we are satisfied too.



Safe to use

Working with non-labelled and low-labelled industrial cleaners and recirculating cleaning equipment can trigger a domino effect:

For the company, the longer service lives, the reduced health and safety measures and the increased productivity are just a few reasons to be happy about savings because **costs are reduced**.

The user, who has **more fun and motivation at work**, feels fitter because they are exposed to far fewer pollutants and toxic fumes, and they are happy about a better quality of life. For both sides, there is also the **time saving**. Not only thanks to the effectively cleaning industrial cleaners, but also because of the energy-saving, recirculating parts washers.



Back into the life cycle

At Bio-Circle, we live and breathe life cycle thinking. **We place great emphasis on sustainability in production and application.** Longer service lives and VOC-free or VOC-reduced cleaners reduce your disposal effort and make it safer.

MAKING GREEN WORK.

WE GIVE YOU MORE

To make you happy

More optimal cleaning processes

Your process optimization is important to us! We take you and your cleaning problem seriously and offer you individual solutions. We come to you, or you come to us in Gütersloh for cleaning trials.

More occupational safety

Reduce VOCs and hazardous substances in your cleaners! Protect your employees and the environment. We show you new possibilities in the world of cleaning.

More profitability

Identify your savings potential in your cleaning processes. Lower storage- and disposal costs due to long service lives and non-labelled cleaners speak for themselves.

THE PIONEER

Continuous improvement of existing products. Development of new, alternative cleaning agents.

- **Essential:** the product performance
- **Elementary:** the reduction of volatile organic compounds = solvents (VOC)
- **Topical:** the reduction of hazardous substances
- **Crucial:** environmental compatibility
- **Vital:** occupational safety
- **Comprehensive:** the certifications (NSF, ISO 14001, Ecovadis)
- **Intelligent:** the new BIO-CIRCLE-i technology for our parts washer



Any questions?

We are already looking forward to providing you with help and advice.

bio-circle.com

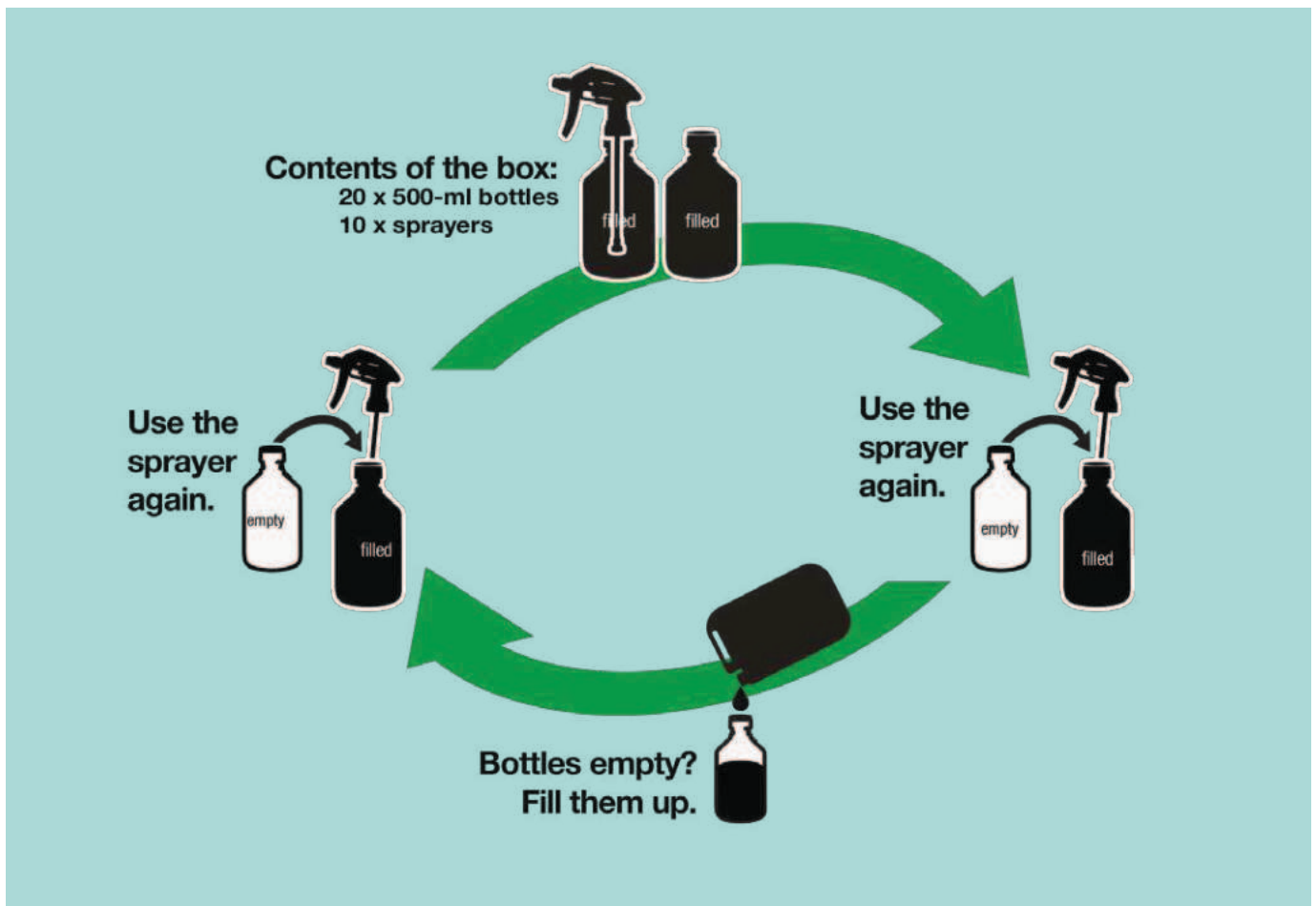


REFILL – SUSTAINABLY GOOD

Stop the plastic madness!



Each of our recyclable rPET bottles made from 100 % recycled material means: a little less plastic waste!
With the refill 500 ml rPET bottles we are sending out another signal for our environment!



Bottling in our Production Department in Gütersloh



Spray on GS 200 – remove sealant





„SAFE CLEANING? YOU BET!“

(Bio-Circle Surface Technology GmbH member of staff)



Nature Boost –

optimal performance, employee protection and reduction of environmental impacts. Successful cleaning in the industry with the power of Nature. Nature Boost cleaners are based on renewable raw materials. They stand out for their excellent dissolving powers, especially with strong greases, oils, adhesives as well as paint and inks. What makes Nature Boost even more impressive is that it stands for non-combustible, VOC-free, and non-labelled products.



VOC-free, VOC-reduced

The European VOC Solvents Directive (1999/13/EC) aims to considerably reduce the use of solvents and VOC emissions into the environment, thus protecting human health. In the development and manufacturing of our products we pay close attention to developing and manufacturing VOC-free or VOC-reduced products. In plenty of applications, the water-based Bio-Circle products can replace solvents completely.



Non-labelled

With the aid of efficient systems and non-labelled products we succeed in optimizing the processes at our customers'. The cleaning quality is maintained although the cleaning is done without labelled products. The laborious handling of hazardous substances is obsolete. HAZMAT storages, HAZMAT trainings, and the preparation of operating instructions are a thing of the past. The employees' health and the environment are protected. Even trainees and apprentices are allowed to handle the products.



NSF – Cleaning in the foodstuffs industry

The NSF-certified water-based Bio-Circle cleaners are completely miscible with water, and because of their residue-free rinsability they are suitable for applications in the foodstuffs industry according to sec. 31 LFGB (German Food, Consumer Goods and Feed Code).



Water-miscible

Many of our cleaners are concentrates. They are easy to mix with water and hence very economical. Please make sure the mixing ratio corresponds to the application and the contamination.



Clean Blue – for low-temperature cleaning only

The Bio-Circle low-temperature cleaners – Clean Blue – have been developed for mechanical and manual use. They save energy and efficiently remove strong contaminations already at ambient temperature.



Ready to use

These cleaners are applied ready for use. Depending on the cleaner, their application is manual or mechanical. The user is relieved of one work step, as calculating the mixing ratio is no longer necessary.

AT A GLANCE

Your page overview



	pH value – Values from MSDS	VOC content in %	Flashpoint in °C	Steel/Stainless steel	Aluminium	Non-ferrous metals	Plastics	Painted surfaces	Zinc-coated surface	Hazardous substancesymbol	VOC-free	VOC-reduced	NSF	Label-free	Page
AF Clean	9.9	10.4	54							-	-	VOC-reduced	-		25
BIO-RUST F	6.8	0	-							-	VOC-free	-	-		20
CB 100	10.8	0	-							-	VOC-free	-	NSF		10
CB 100 LR	10.5	0	-							-	VOC-free	-	-		10
CB 100 Alu	8.6	0	-							-	VOC-free	-	NSF		10
CB 100 Alu LR	8.6	0	-							-	VOC-free	-	-		10
CB 100 Blue	10.8	0	-							-	VOC-free	-	NSF		10
FOR CLEAN	10	0	-							-	VOC-free	-	-		12
FOR CLEAN F	9	0	-							-	VOC-free	-	NSF		12
FOR CLEAN V	10	0	-							-	VOC-free	-	NSF		12
FT 100	10.8	13	47							-	-	VOC-reduced	NSF		14
FT 200	11.4	11	50							-	-	VOC-reduced	NSF		15
FT 300	10.8	18.9	40							-	-	VOC-reduced	-		14
FT 400	11.4	33.3	48							-	-	-	-		15
Floor Cleaner	10.2	0	-							-	VOC-free	-	-		13
Floor Cleaner STRONG	13	5	-								-	VOC-reduced	-	-	13
GS 200	-	19	118							-	-	VOC-reduced	NSF		11
Master Mould RL	-	4.5	85								-	VOC-reduced	-	-	22
OMNI	-	5	100								-	VOC-reduced	-	-	19
OMNI 200	-	0	240							-	VOC-free	-	-		19
Poly Strip 100	-	9.5	100								-	VOC-reduced	-	-	21
Power Cleaner 150	2.2	0	-							-	VOC-free	-	NSF		18
Power Cleaner 200	1.5	2.2	-								-	VOC-reduced	-	-	18
Power Cleaner 300	1.6	0	-								VOC-free	-	-	-	18
Remove AD(hesive) 200	8.4	2.2	-								-	VOC-reduced	-	-	21
Stripper Gel	-	2.2	-								-	VOC-reduced	-	-	21
UNO AV	13	0	-								VOC-free	-	-	-	17
UNO S F	13	5	-								-	VOC-reduced	NSF	-	16
UNO S PF	13	5	-								-	VOC-reduced	-	-	16
UNO S V	13	5	-								-	VOC-reduced	NSF	-	17
UNOW	13	0	-								VOC-free	-	-	-	16
UNOX	14	1.5	-								-	VOC-reduced	-	-	17
Hand Cleaning Cream	-	-	-	-	-	-	-	-	-	-	VOC-free	-	-		23
Rubbel Dubbel	-	-	-	-	-	-	-	-	-	-	-	VOC-reduced	-		23
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APPLICATION SYSTEMS

recommended limited use not usable

THE CB 100 RANGE

The alternative to cold cleaners

CB 100 – the alternative to cold cleaners: water-based, slightly alkaline industrial cleaners without solvents and non-labelled! The power of Nature provides the Nature Boost cleaners with **excellent dissolving powers**. They are based on renewable raw materials, **thus increasing occupational health and safety and reducing operating costs, and the sustainable ingredients make them user-friendly and environmentally compatible.**

The low-foaming CB cleaners are for manual and mechanical use, provide temporary corrosion protection, and have a long service life thanks to their recyclability.

CB 100

- Suitable for the food industry
- Ready for use



A50025-BX Box:10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02025 20 L jerrycan
A20025 200 L plastic drum
A10025 1000 L IBC

CB 100 LR

- Low residue



A02085 20 L jerrycan
A20085 200 L plastic drum
A10085 1000 L IBC

CB 100 Alu

- Special aluminium formula for heat-tinting protection



A50049-BX Box:10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02049 20 L jerrycan
A20049 200 L plastic drum
A10049 1000 L IBC

CB 100 Alu LR

- For sensitive materials such as aluminium, low residue



A02036 20 L jerrycan
A20036 200 L plastic drum
A10036 1000 L IBC

CB 100 Blue

- Low-temperature cleaner



A02032 20 L jerrycan
A20032 200 L plastic drum
A10032 1000 L IBC

The cleaners remove extremely persistent contaminations, such as greases, oils, separating agents, smoke residues, soot, wear particles and swarf, from steel and stainless steel, in certain cases also from aluminium, non-ferrous metals, zinc-coated surfaces, etc.

FIELD OF USE: across all industries, maintenance of machines and motors, etc. Can be used in manual applications, in parts washers, in cold cleaner parts washers, in immersion baths, in ultrasonic cleaning devices, et al.

CLEANER FOR TOUGH CASES

Nature Boost – the power of Nature

Ready-to-use cleaner, also based on renewable raw materials!

GS 200



Cleaner for the removal of very strong contaminations

- ▶ VOC-reduced, non-flammable
- ▶ High flashpoint (~ 100 °C) guarantees high safety during application
- ▶ NSF-certified

A50065-BX Box: 10 rPET bottles with trigger
+ 10 refills recycled, 500 ml

A02065 20 L jerrycan

A20065 200 L plastic drum

A10065 1000 L IBC

FIELD OF USE: GS 200 removes heavy oils and greases, incrustations, adhesive residues, bitumen, and sealants from all metal surfaces.

Removing sealant with GS 200



Removing bitumen with GS 200



THE FOR CLEAN RANGE

The universal cleaner – any time, any place

FOR CLEAN cleaners have what safety officers, purchasers and users want.

THEY ALL ARE:

- ✓ Safe β no labelling required
- ✓ Cost-effective β miscible with water
- ✓ Sustainable β with 100 % easily biodegradable ingredients



Clean the workplace with FOR CLEAN

FOR CLEAN



- Manual application
- Safe – economical – effective

A50080-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02080	20 L jerrycan
A20080	200 L plastic drum
A10080	1000 L IBC

FOR CLEAN F



- Low foaming
- Also for mechanical applications, e. g. in ultrasonic cleaning devices, in the HTW, in pressure washers and floor cleaning systems
- Low residue: subsequent processes such as bonding, welding and varnishing are possible

A50013-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02013	20 L jerrycan
A20013	200 L plastic drum
A10013	1000 L IBC

FOR CLEAN V



- Optimal for vertical surfaces, for safe and unrestricted work, even overhead β slightly viscous
- Manual application
- Suitable for use in the Foam Booster and the Stainless-Steel Foam Sprayer

A50022-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02022	20 L jerrycan
A20022	200 L plastic drum
A10022	1000 L IBC

The FOR CLEAN cleaners remove soiling such as grease, oil, separating agents, food residues, smoke residues, soot, wear particles, swarf, rubber residues, etc.

From: stainless steel, steel, tiles, plastic, wood, and varnished surfaces. To some extent also from non-ferrous metal and zinc-coated surfaces, etc.

FIELD OF USE: metalworking/CNC, maintenance of machines, maintenance cleaners for every industry, food industry, ultrasonic cleaning, etc.

Cleaning agent	Miscibility		Mixing ratios for application systems				
	with water	in manual applications	Stainless-Steel Foam Sprayer	Foam Injector	Pressure Sprayer	Foam Sprayer	AUTRASYS application system
FOR CLEAN	yes	5 % – 100 %	—	—	5 % – 100 %	—	5 % – 100 %
FOR CLEAN F	yes	5 % – 100 %	—	—	5 % – 100 %	—	5 % – 100 %
FOR CLEAN V	yes	30 % – 100 %	20 % – 100 %	20 % – 100 %	—	20 % – 80 %	—

FLOOR CLEANERS

Thorough and fast

The water-based, low-foaming alkaline Floor Cleaners are suited for manual and mechanical applications. They clean all water-resistant flooring materials **thoroughly without attacking the material**. They are **water-miscible and solvent-free or -reduced and hence environmentally compatible**.

Floor Cleaner

- For everyday floor cleaning
- Good wetting properties with oily contaminations



A02015 20 L jerrycan
A20015 200 L plastic drum
A10015 1000 L IBC

Floor Cleaner STRONG

- Extra strong cleaning activity



A02096 20 L jerrycan
A20096 200 L plastic drum
A10096 1000 L IBC
 Hazard notice: Eye Dam. 1, Skin Irrit. 2

The floor cleaners remove oil, separating agents, smoke residues, soot, wear particles, swarf, insect speck, rubber residues, to some extent also greases and foodstuffs, **from** stainless steel, steel, tiles, wood, plastics, linoleum, PVC, rubber, and matte stones (such as marble and granite).

FIELD OF USE: all water-resistant flooring materials in production halls, schools, gyms, etc.

Cleaning agent	Miscibility		Mechanical application
	with water	in manual applications	Floor cleaning systems
Floor Cleaner	yes	2.5 % – 100 %	1 % – 5 %
Floor Cleaner STRONG	yes	2.5 % – 100 %	1 % – 5 %

Please note:
 Perform a compatibility test on sensitive surfaces, textiles, carpets, and upholstery!

Manual and mechanical floor cleaning with Floor Cleaner



THE FT RANGE

Residue-free

The fast-drying FTs are **residue- and streak-free or virtually streak-free cleaners for surface pre-treatment and final cleaning**. Perfect for manual cleaning, degreasing before varnishing, or the removal of adhesive residues, machining oils or fingerprints.

They are non-labelled and VOC-reduced, which makes them user-friendly and environmentally compatible.

The FTs sorted by cleaning power: FT 100 → FT 300 → FT 200 → FT 400

FT 100



- Residue- and streak-free
- Suitable for the food industry

A50057-BX Box: 10x PET bottles with trigger
+ 10 refills recycled, 500 ml

A01057 10 L jerry can

A02057 20 L jerry can

A20057 200 L plastic drum

A10057 1000 L IBC

FT 300



- Residue- and streak-free
- Even faster evaporation than with FT 100

A50057-97-BX Box: 10x PET bottles with trigger
+ 10 refills recycled, 500 ml

A02057-97 20 L jerry can

A20057-97 200 L plastic drum

A10057-97 1000 L IBC

Use of FT in the plastics industry – cleaning of plastic injection moulds





Cleaning with the FTs prior to varnishing

FT 200

- Virtually residue- and streak-free
- Ideal for wetting oily surfaces
- Temporary corrosion protection



A50057-98-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02057-98	20 L jerrycan
A20057-98	200 L plastic drum
A10057-98	1000 L IBC

FT 400

- Virtually residue- and streak-free
- Excellent dissolving power
- Temporary corrosion protection



A50057-93-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A02057-93	20 L jerrycan
A20057-93	200 L plastic drum
A10057-93	1000 L IBC

The FTs remove oil, separating agents, grease, fingerprints, wear particles, swarf, and adhesive residues.

From: stainless steel, steel, tiles, aluminium, non-ferrous metals, and zinc-coated surfaces. To some extent, also from wood, plastics, rubber, varnished surfaces et al.

FIELD OF USE: across all industries, metalworking/CNC, automotive, plastics processing, railways, skilled crafts and trades.

FT 400 – Cleaning after 3-D printing



THE UNO RANGE

Powerful

The UNOs are water-based, alkaline, and phosphate-free **intensive cleaners** for manual use and for use in application systems. They remove even the toughest soiling and are all miscible with water.

UNO S F

- Low foaming
- For mechanical application



A50035-BX Box: 10 bottles with trigger
+ 10 refills, 500 ml

A01035 10L jerrycan

A02035 20 L jerrycan

A20035 200 L plastic drum

A10035 1000 L IBC

Hazard notice: Eye Dam. 1, Skin Irrit. 2

UNO S PF

- With temporary corrosion protection
- Low foaming



A50050-BX Box: 10 bottles with trigger
+ 10 refills, 500 ml

A02050 20 L jerrycan

A20050 200 L plastic drum

Hazard notice: Eye Dam. 1, Skin Irrit. 2

UNO W

- Universal cleaner for workshops
- Can be used in manual applications
- Compatible with oil separators



A00189-BX Box: 5 bottles with trigger
+ 5 refills, 1000 ml

A02089 20 L jerrycan

A20089 200 L plastic drum

A10089 1000 L IBC

Hazard notice: Eye Dam. 1, Skin Irrit. 2

Cleaning agent	Miscibility		Mixing ratios for application systems	
	with water	in manual applications	Foam Injector	Foam Sprayer
UNO AV	yes	30 % – 100 %	30 % – 100 %	—
UNO S F	yes	2.5 % – 100 %	—	—
UNO S PF	yes	2.5 % – 100 %	—	—
UNO S V	yes	30 % – 100 %	40 % – 60 %	40 % – 100 %
UNO W	yes	2.5 % – 100 %	—	—
UNO X	yes	Recommended for Foam Injector	30 % – 100 %	—

UNO S V



- ▶ NSF-certified
- ▶ Can be used manually or with an application system
- ▶ Viscous
- ▶ Ideal for cleaning vertical surfaces

A00134-BX Box: 5 bottles with trigger

+ 5 refills, 1000 ml

A01034 10 L jerrycan

A02034 20 L jerrycan

A20034 200 L plastic drum

Hazard notice: Eye Dam. 1, Skin Irrit. 2

UNO X



- ▶ Strongly alkaline for extreme soiling
- ▶ To be used manually in combination with an application system
- ▶ High-foaming, long contact time also on vertical surfaces
- ▶ Suitable for large-size engines, bogies, braking systems, and large components

A02003 20 L jerrycan

A20003 200 L plastic drum

A10003 1000 L IBC

Hazard notice: Eye Dam. 1,

Skin Corr. 1A, Met. Corr. 1

UNO AV



- ▶ For heavy and heaviest soiling (energy sector, transportation, public transport)
- ▶ To be used with an application system
- ▶ High-foaming, long contact time also on vertical surfaces
- ▶ Ideal for foaming applications in wash halls

A02033 20 L jerrycan

A20033 200 L plastic drum

A10033 1000 L IBC

Hazard notice: Eye Dam. 1, Skin Irrit. 2

Extremely persistent contaminations, such as oil, grease, separating agents, smoke residues, and soot, don't stand a chance with the UNOs. To some extent, also burnt-in organic contaminations, wear particles, swarf, rust, oxidation, heat tinting, insect speck, and rubber residues can be removed.

Material: steel, stainless steel, tiles, plastics, to some extent also varnished and zinc-coated surfaces, etc.

FIELD OF USE: maintenance and degreasing processes in the metalworking- and food industry et al. For manual and mechanical applications, e.g. in immersion baths, in automatic parts washers, floor cleaning systems, pressure washers, etc.

Cleaning machines and workplaces with UNOs



THE POWER CLEANER RANGE

Say goodbye to limescale

Limescale doesn't have to pose a problem, neither aesthetically nor hygienically, neither in pipes nor on surfaces. The Power Cleaners are free from phosphates and hydrofluoric acid. In addition, they are VOC-free or -reduced. The water-based acidic cleaners make your surfaces shine and are water-miscible.

Power Cleaner 150

- Approved for use in the food industry
- For manual and mechanical use

Please note: Not suitable for marble or limestone!



A50020-BX Box: 10 bottles with trigger
+ 10 refills, 500 ml
A02020 20L jerrycan
A20020 200L plastic drum

Power Cleaner 200

- Only for manual and ultrasonic applications, can be heated up to 90°C



A50010-BX Box: 10 bottles with trigger
+ 10 refills, 500 ml
A02010 20L jerrycan
A20010 200L plastic drum
Hazard notice: Eye Irrit. 2,
Skin Irrit. 2, Met. Corr. 1

Power Cleaner 300

- Only for manual cleaning, high foaming
- The strongest cleaner of the range



A50014 500ml plastic bottle
PU: 20 x 500 ml (1 box)
A01014 10L jerrycan
A02014 20L jerrycan
A20014 200L plastic drum
Hazard notice: Eye Irrit. 2, Skin Irrit. 2,
Met. Corr. 1, STOT SE3

Please note: When using it in confined spaces, make sure that the room is well ventilated!

The cleaners of the Power Cleaner range make short work of extremely persistent contaminations such as limescale, mineral deposits, and to some extent also rust, oxidation and heat tinting. Stainless steel, steel, tiles, aluminium, plastics, and in certain cases also non-ferrous metals, etc. will shine in new splendour.

MECHANICAL APPLICATIONS: pipe- and heat exchanger cleaning devices, cleaning- and flushing systems for the cooling ducts of plastic injection moulds, hot-water parts washers, and ultrasonic cleaning devices.

Cleaning agent	Miscibility		Mixing ratios for application systems			
	with water	in manual applications	Stainless-Steel Foam Sprayer	Foam Injector	Pressure Sprayer	Foam Sprayer
Power Cleaner 150	yes	5 % – 100 %	—	—	5 % – 100 %	—
Power Cleaner 200	yes	5 % – 100 %	60 % – 100 %	60 % – 100 %	—	80 % – 100 %
Power Cleaner 300	yes	2.5 % – 100 %	—	—	—	—

OMNI RANGE

Stirring results

The **OMNI** multifunctional sprays with their fabulous capillarity **dissolve, lubricate, protect, and clean**. This makes them **indispensable for everyday use**. They are also free of acids, silicone, and Teflon®, which makes them environmentally compatible and easy to use.

The **low-foaming rust remover/deruster BIO-RUST F** can be used universally in immersion baths and machines.

OMNI

- Increased capillarity and hence a stronger effect
- Pleasant vanilla scent



E40016 400 ml aerosol can

PU: 12 x 400 ml (1 box)

E50016-BX Box: 10 rPET bottles with trigger

+ 10 refills recycled, 500 ml

E01016 10L jerrycan

E02016 20L jerrycan

E20016 200 L metal drum

E10116 1000 L IBC

Hazard notice: Asp. Tox. 1

Aerosol: Flam. Aerosol 1

OMNI 200

- Higher viscosity
- Odourless



E50018-BX Box: 10 rPET bottles with trigger

+ 10 refills recycled, 500 ml

E02018 20L jerrycan

E20018 200 L metal drum

E10018 1000 L IBC

OMNI range

dissolve burnt-in organic contaminations; waxes, bitumen, resinified greases and oils are removed just as well as light residues and fingerprints;

lubricate moving parts, such as chains, hinges, and cogwheels;

protect from rust and creep current;

clean tools, machines, electronic circuits, etc.; metals of any kind and varnished surfaces.

You can oil equipment or remove oil contaminations with OMNI or OMNI 200



BIO-RUST F

Rust-free results

BIO-RUST F is ready to use and works reliably and effectively in rust removal. Developed for manual use in immersion baths such as the CLEAN BOX and mechanical use in the HTW and in ultrasonic systems.

BIO-RUST F

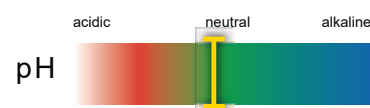


A02052 20 L jerrycan

A20052 200 L plastic drum

A10052 1000 L IBC

- ▶ Water-based, pH-neutral cleaner and rust remover
- ▶ Low foaming
- ▶ With tarnish protection
- ▶ Free from halogens, material-friendly
- ▶ For mechanical and manual applications
- ▶ For use in immersion processes at ambient temperature
- ▶ For use in automatic parts washers (BIO-CIRCLE Turbo, HTW), at temperatures of 30 – 60 °C



BIO-RUST F removes rust, flash rust and lead contamination from steel-, stainless-steel- and iron parts.

MECHANICAL APPLICATION: in automatic parts washers (BIO-CIRCLE Turbo, HTW), at temperatures of 30 – 60 °C, in ultrasonic cleaning devices

CLEAN BOX with a rusty part



POLYMER REMOVERS

Completely detached

The polymer removers dissolve adhesives and sealants, water-based paints and varnishes and organic coatings. They can all be used manually and are ready to use.

Remove AD(hesive) 200



- Degreases before bonding
- Removes labels and other adhesives (hot glue, epoxy glue), sealants
- Suitable for sensitive surfaces
- Penetrating properties and rapid evaporation

Material: plastics, metal, aluminium, copper

FIELD OF USE: food industry, automotive, skilled crafts and trades, etc. Wherever adhesives are used, or foils have to be removed.

A500740-BX	Box: 10 rPET bottles with trigger + 10 refills recycled, 500 ml
A020740	20 L jerrycan
A200740	200 L plastic drum
A100740	1000 L IBC
Hazard notice: Skin Sens. 1 ;	
Aquatic Chronic 3	

Stripper Gel



- Viscous cleaning gel
- Good adhesion on vertical surfaces
- Removes paint and coatings, graffiti, adhesive residues, varnishes, etc.

Material: stainless steel, steel, tiles, stone, concrete, etc.

A00556	5 kg jerrycan
A02056	20 kg jerrycan
Hazard notice: Acute Tox. 4, Acute	
Tox. 4, Eye Irrit. 2, Skin Irrit. 2	

Poly Strip 100



- Paint and polymer remover with reduced hazardous substances
- Dissolves organic coatings, such as powder coatings, varnishing, silicones, sealants, resins, etc.
- Flashpoint > 100 °C
- Effective at room temperature, can be heated up to 55 °C

Material: stainless steel, aluminium, non-ferrous metals, and zinc-coated surfaces

FIELD OF USE: immersion baths, ultrasonic baths, and paint stripping systems

Paint removal in an ultrasonic bath with Poly Strip 100



Paint removal with Poly Strip 100



MASTER MOULD RL

Effective cleaning of large plastic injection moulds!

Discover the **Master Mould RL** – your solution for efficient cleaning of large plastic injection moulds! With Master Mould RL, you can perform manual parts cleaning of plastic injection moulds and effortlessly remove particularly stubborn soiling such as **outgassing from recycled plastics**.

- Easy manual application for convenient use
- for large plastic injection moulds
- no residue, suitable for warm components
- Fast, thorough, and extremely reliable
- Removes heavy soiling and fretting corrosion

Material: stainless steel, iron

FIELD OF USE: manual cleaning of plastic injection moulds



A001911-BXBox:10 plastic bottles

1000 ml + 5 sprayer

A02091120L jerrycan

A200911200L plastic drum

Hazard notice: Acute Tox. 4;

Skin Irrit. 2; Eye Dam. 1

Manual cleaning of a plastic injection mould



ALL CLEAN

Clean hands, clean tools

No matter what work you are doing and how dirty your hands and tools are. For quick and practical cleaning in between.



Hand Cleaning Cream

- ▶ **FREE FROM MICROPLASTICS!**
- ▶ **For persistent contaminations**
- ▶ **To be used with water, like soap**
- ▶ **Biological abrasive substances obtained from corn facilitate thorough yet gentle cleaning**
- ▶ **Nurturing additives, dermatologically tested**
- ▶ **Also available with dosing pump and optional wall bracket**



A25007-04 250 ml tube
PU: 12 x 250 ml (1 box)
A00307-04 3L jerrycan for wall dispenser
A01007-04 10L jerrycan
A00007-30 HandCleaning Cream starter kit
consisting of:
3 x 3 L jerrycan of Hand Cleaning Cream,
6 x 250 ml tube of Hand Cleaning Cream,
dosing pump, wall bracket
(incl. mounting material), see p. 31
H00011 dosing pump incl. wall bracket
for 3 L jerrycan

Rubbel-Dubbel

- ▶ **Damp cleaning wipes**
- ▶ **For fast and thorough cleaning without water**
- ▶ **Lint-free, sturdy heavy-duty special wipe**
- ▶ **In a convenient dispenser pail**



A00186 Dispenser pail with 90 wipes
Wipes: 250 x 320 mm

The Hand Cleaning Cream and the damp cleaning wipes even remove dried-on oils, greases and adhesive residues, fresh paint, felt-tip stains, etc.

FIELD OF USE: in all areas of the skilled crafts and trades and the industry, in workshops, and in the home and hobby sector

Cleaning tools and hands with Rubbel-Dubbel cleaning wipes



AIR FORCE

Rethink for a change!

Sustainability with the refillable spray bottle

Air Force is neither a timeless sneaker nor a film with Tom Cruise.

Air Force is a refillable aluminium spray bottle – the best friend of any foamless cleaner!

'From jerrycan to bottle' is the new thinking in manual surface cleaning



Spray over a large area – flood with pinpoint accuracy

RECOMMENDED PRODUCTS, foamless and non-labelled: AF Clean, E-Weld 2, FT 100, GS 200, et al.



With compressed air + cleaner you dispense with flammable propellants!

- ▶ Unscrew bottle – fill in cleaner – screw down – top up with compressed air
- ▶ Nebulize or flush at the touch of a button: fine spray mist for large areas
- ▶ Precise, reliable, overhead: flushing and rinsing with a precision capillary tube
- ▶ Sustainable: refillable, suitable for many applications
- ▶ Effective ß 650 ml capacity

Refill – sustainably good!

H65000	Aluminium spray bottle
H65010	Bottleneck incl. Valve and suction tube
H65050	StarterKit consisting of:
	Aluminium spray bottle, tyre inflator,
	3 L jerrycan of AF Clean, drain tap for 3 L
H65060	Tyre inflator

FIELD OF USE: automotive, metal/CNC, everywhere in maintenance; pre-treatment and final cleaning, cleaning of large surfaces, components such as engine blocks with narrow gaps, overhead work and much more.

APPLICATION: To top up with compressed air, a tyre inflator with adapter (for passenger cars) is necessary.
Recommended pressure: up to 6.3 bar

Unscrew bottle – fill in cleaner – screw down – top up with compressed air



AF Clean

The perfect combo with Air Force



A00359 3L jerrycan

A02059 20L jerrycan

A20059 200 L drum

A10059 1000 L IBC

AF Clean is the best buddy of the refillable Air Force aluminium spray bottle!
The alkaline, non-labelled cleaner is a must-have for your manual surface cleaning because it **has a strong cleaning power and is still low in residues.**

- ▶ **REMOVES** oils, greases, abrasion, swarf, release agents and adhesive residues
- ▶ **CLEANS** steel, stainless steel, aluminium, plastic, and painted surfaces
- ▶ **Safe:** non-labelled, VOC-reduced according to the CLP Regulation
- ▶ **Foamless**
- ▶ **Pleasant menthol smell**

FIELD OF USE: metalworking/CNC, automotive, plastics processing, skilled crafts and trades, maintenance

APPLICATION: spray on – leave to act – wipe off

Cleaning an engine with AF Clean in the Air Force spray bottle



CLEAN BOX

Efficient pre-cleaning

The different CLEAN BOX models are suited for the efficient pre-cleaning of small and also of big and bulky parts. Hence, this concept can be used in various plant- and production areas, e. g. in maintenance, machine building or industrial building. Above all, the CLEAN BOX devices stand out for their easy handling and the use of low-temperature cleaners.

Suitable for water-based acidic and alkaline cleaners:

In the case of the portable CLEAN BOX, the parts can be taken out by lifting the immersion basket; and the cleaning fluid remains in the Box.

CLEAN BOX

- Stackable with a small footprint
- Thanks to handles also suitable for transport
- Incl. immersion basket and lid

CLEAN BOX Mobil

- Extended by a trolley
- Can be rolled to the place of work



	CLEAN BOX	CLEAN BOX Mobil
Immersion box		
External dimensions W x D x H	600 x 400 x 300 mm	600 x 400 x 300 mm
Material	bottom and sides closed with HDPE handle openings, green	bottom and sides closed with HDPE handle openings, green
Filling quantity (L)	50	50
Immersion basket		
External dimensions W x D x H	600 x 400 x 300 mm	600 x 400 x 300 mm
Material	bottom and sides perforated with HDPE handle openings, green	bottom and sides perforated with HDPE handle openings, green
Lid		
External dimensions W x D x H	600 x 400 mm	600 x 400 mm
Material	made of HDPE, green	made of HDPE, green
Trolley		
External dimensions W x D x H	-	620 x 420 x 155 mm
Material	-	ABS frame (black) with A castors (white), ø 100 mm with locking brake
Maximum payload (kg)	-	250 kg
Order number	H00040	H00042



Separate parts CLEAN BOX

Pre-cleaning of machine parts in the CLEAN BOX



AUTRASYS

The Bio-Circle application system facilitates the application of cleaners and welding separating agents on medium and large surfaces. It is attached directly to the jerrycan or drum. With the help of the compressed air diaphragm pump, the medium is pumped out of the container and can thus be effectively applied to the surface.



RECOMMENDED PRODUCTS: CB 100, FOR CLEAN, FT 200, and E-WELD anti-spatter products.



- ▶ Time-saving due to large-area application
- ▶ Comfortable working, even overhead
- ▶ Environmentally friendly – conventional compressed air as propellant
- ▶ High efficiency due to ultra-fine spray mist – 3.7 m² per minute
- ▶ Low-maintenance operation due to compressed air diaphragm pump
- ▶ Adjustable flow rate

Please note:
Observe occupational
exposure limits!

G80001AUTRASYS

G80001-01AUTRASYSdrum holder



MORE REFILLABLE SPRAYING SYSTEMS

Cleaning large areas
in a short time
with less plastic waste.

Apply foamy cleaner with Foam Sprayer 1,5 l.



Foam Sprayer 1.5 L

H10003Foam Sprayer 1.5 L

- ▶ Stable foam
- ▶ Spray efficiency: 1.8 m² per minute
- ▶ Also suitable for vertical surfaces, tiles, or metal
- ▶ For foaming cleaners, pH 0 to 14, e.g.
FOR CLEAN V, UNO S V or Power Cleaner 200



Pressure Pump Sprayer 1.5 L

H10001Pressure Sprayer 1.5 L

- ▶ Fine mist at the touch of a button
- ▶ Spray efficiency: 3.7 m² per minute
- ▶ For low-foaming cleaners, pH 0 to 14,
e.g. CB 100 and FOR CLEAN

Apply cleaner over a large area with Pressure Sprayer 1,5 l.



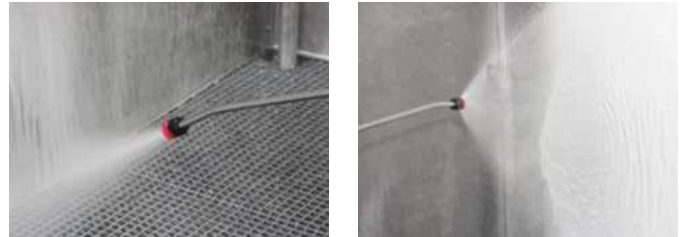
Clean sustainability:
Think green
Act green.
Clean green.

STAINLESS-STEEL FOAM SPRAYER

Air-powered foam sprayer with 3 m of pneumatic hose. Easy handling and safe working due to stainless-steel housing, safety valve and air pressure control.

For the application of water-based, foaming cleaners, pH 2 - 12, such as FOR CLEAN V, CB 100.

Applying cleaner with compressed-air foam lance



- Compressed air: adjustable up to 8 bar
- Adjustable compressed air
- With handle and castors
- Spray efficiency: 7.3 m² per minute

G84001 Stainless-Steel Foam Sprayer 24 L

		APPLICATION SYSTEMS WITHOUT FOAM			APPLICATION SYSTEMS WITH FOAM		
System		Pressure Sprayer 1.5 L	AUTRASYS	Air Force	Foam Sprayer 1.5 L	Stainless-Steel Foam Sprayer V2A	Foam Injector
Version		• 1.5 L tank	Connection for • 20 L jerrycan • 200 L drum	Refillable spray bottle, 650 ml, (with safety valve)	• 1.5 L tank	• 24 L tank	Connection for • 200 L drum • 1000 L IBC
Compressed air connection		-	Air-operated diaphragm pump, 6 bar max.	Tyre inflator with adapter, 6.5 bar max.	-	8 bar max.	Air-operated diaphragm pump, 6.5 – 7.5 bar
Coverage per minute		3.70 m ²	3.70 m ²		1.80 m ²	7.30 m ²	3.10 m ²
Surface size		small	medium – large	small – large	small	medium – large	large
Cleaner		water-based pH 0 to 14	water-based pH 6 to 10	water-based pH 6 to 14	water-based, foaming pH 0 to 14	water-based, foaming pH 2 to 12	water-based, foaming pH 0 to 14
Recommended cleaners	alkaline:	• CB 100 • FOR CLEAN	• CB 100 • FOR CLEAN	• AF Clean • FT 100 • E-WELD2	• FOR CLEAN V • CB 100	• FOR CLEAN V • CB 100	• FOR CLEAN • UNOX
	acidic:	• Power Cleaner 150	-	-	• Power Cleaner 200	• Power Cleaner 200	• Power Cleaner 200

FOAM INJECTOR

The Foam Injector is easy to use, almost maintenance-free, with 10 m hose and foam lance – the perfect tool for cleaning large areas. The firm and long-lasting foam dissolves persistent soiling, even on vertical surfaces, depending on how the cleaner works.



- ▶ Compressed air: adjustable from 6.5 to 7.5 bar
- ▶ Efficiency: 3.1 m² per minute
- ▶ With air-operated diaphragm pump
- ▶ incl. adapter for mounting on IBC or 200-litre drum
- ▶ Suitable for foaming cleaners, pH 0 to 14, e.g. FOR CLEAN, UNO X

G84003-08 Foam Injector

for 200 L drum

G84003-07 Foam Injector for IBC

Extremely stable foam with UNO X



Foam nozzle



PRODUCT ACCESSORIES:



Tap

H00003 for 5 L and 10 L jerrycans

H00004 for 20 L and 30 L jerrycans

H00015 for 200 L plastic drum, ¾" incl. adapter



Stainless steel hand-operated pump

H00006 for 200 L plastic drum

(discharge 0.3 L hoist) 2" standard drum thread

incl. thread adapter and 1 m hose



Plastic hand-operated pump

H00007 for 200 L plastic drum

(discharge 0.3 L hoist)

2" standard drum thread

incl. thread adapter

and 1 m hose



Jerrycan cap spanner/ bung wrench

H00016 Jerrycan cap spanner

for both DIN 51 and DIN 61,

plastic, colour: green

H00030 Bungwrench, metal,

for 200 L drums



HDPE bottle with trigger

H00001 500 ml, spray nozzle green/white

H00101 1000 ml, spray nozzle green/white



rPET bottle with trigger

H00033 500 ml, spray nozzle green/white



Spray nozzle

H50012 with plastic nozzle green/white

for 500 ml HDPE/rPET bottle

H00112 with plastic nozzle green/white

for 1000 ml HDPE/PET bottle



Dosing pump and wall bracket

H00011 Dosing pump incl. wall bracket

for 3 L jerrycan Hand Cleaning Cream

H00012 Dosing pump

for 3 L jerrycan Hand Cleaning Cream

Our delivery service (Germany)

Delivery time: approx. 2–3 days.

Delivery:

Free domicile incl. packaging for order values of € 600.00 or higher.

For order values (OV) under € 600.00, we invoice the following service charges (SC):

Service charge: OV up to € 100.00 SC of € 16.50

OV up to € 200.00 SC of € 19.50

OV up to € 600.00 SC of € 22.50

Collection by the customer:

You are welcome to pick up your products Monday thru Thursday between **8:00 a.m. and 4:30 p.m.** and Friday between **8:00 a.m. and 3:00 p.m.** directly from our production facilities in Gütersloh. Please call ahead on **+49 (0) 5241 9443 0**, so that we can prepare your order for pick-up.

Payment terms:

Our invoices are payable within 8 days with a 2 % discount, or within 30 days net without deduction. Upon request, we will debit the invoice amount from your account within 8 days. In that case you will receive a 3 % discount. For this, we require a direct debit authorization from you.

Reservation of title:

All items delivered by us shall remain our property until all present and future claims arising from the business relationship with the customer have been settled in full.

All prices are subject to VAT at the applicable rate.

A STRONG GLOBAL PARTNER:



- ▶ CLEANING
- ▶ PROTECTING
- ▶ LUBRICATING
- ▶ WELDING



VERSPANINGSTECHNIEK



REINIGINGSTECHNIEK



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