

2017

HIGH-PERFORMANCE SOLUTIONS TO IMPROVE WORKER HEALTH AND SAFETY

CLEANING - DEGREASING - LUBRICATING



Making green work.

INDUSTRIAL POWERFUL SAFE

**WE ARE YOUR EXPERT
RESOURCE IN SAFE
CLEANING SOLUTIONS
FOR THE INDUSTRIAL
WORLD**



About Bio-Circle®

Bio-Circle®, a division of Walter Surface Technologies, is an environmentally-conscious chemical company that provides high-performance cleaning, degreasing and lubricating solutions that are also designed to improve worker health and safety.

Our Focus

Maintenance, repair and overhaul (MRO) businesses as well as industrial manufacturing processes.

Product Offering

Bio-remediating and bio-renewable liquids and parts washing systems that replace hazardous solvents and reduce the costs of protecting workers from exposure to toxic chemicals. Bio-Circle offers industrial cleaning and lubricating solutions that create a safer and healthier work environment by using formulas that are non flammable, biodegradable and VOC-reduced or VOC-free.

MAKING GREEN WORK

Our tagline: “Making green work” refers to Bio-Circle’s commitment to providing customers with safe chemical products and solutions that reduce waste and operating costs, while increasing productivity.



Process Optimization

Bio-Circle technicians analyze your contaminants and cleaning processes and make recommendations to improve efficiency and productivity. A detailed cost analysis report is provided to help you make informed decisions.

Chemical Safety Seminars

Safety is key to productivity. Bio-Circle provides customized on-site safety seminars to suit each facility. Topics include best practices, hazardous material control and material handling.

Chemical Audits

Bio-Circle representatives are trained professionals ready to listen. They make suggestions, demonstrate products, and let customers see for themselves how well Bio-Circle products work. Chemical Audits help consolidate product requirements and optimize inventory.

TABLE OF CONTENTS

Series	Page	Series	Page
		<i>Paint, Ink, Glue and Adhesive Cleaning</i>	
	New Products 2017 5	53-G GS 200 43	
	Cleaning and degreasing selection chart 6, 7	53-G SC 400..... 43	
	Cleaner Characteristics 8	<i>Pre-Priming, Pre-Shipping</i>	
	Cleaner Approvals 9	53-G FT 100 44	
	Icons Legend 9	53-G FT 200 44	
	VOC Guide 10	<i>Cleaning Lubricant and Temporary Protection</i>	
	Bio-Circle Cleaning Basics 11	53-X OMNI 45	
	Liquids Available Sizes 12	<i>Refillable Cleaning Lubricant and Temporary Protection System</i>	
01	Parts Washing Systems 13	53-M Air Force OMNI Start-up packages 47	
	Cleaning Systems..... 14, 15	53-M OMNI refillable sprayer 47	
	Parts Washers Features 16	<i>Automatic Dispensing System</i>	
	Parts Washers Specifications 17	57-D AMPS 48	
	Choosing the right system 18		
02	Bio-Renewable Systems 19	Industrial Maintenance, Repair and Overhaul (MRO) 49	
53-G	Bio-Renewable liquids..... 20-21	<i>Fast Evaporating Refillable Cleaning and Degreasing</i>	
55-D	Bio-Renewable systems - Machines 22, 23, 24	53-C Air Force AF-PL 52	
55-A	Bio-Renewable Start-up packages 25, 26	53-M Air Force AF-PL start-up packages..... 53	
		53-M AF-PL Refillable sprayer..... 53	
03	Bio-Remediating Systems 27	<i>Cleaning and Degreasing</i>	
55-A	Bio-Remediating liquids 28, 29	53-C SLAP SHOT 54	
55-D	Bio-Remediating systems 32	53-C SLAP SHOT PL 54	
55-D	Bio-Remediating Start-up packages 33	53-C Electronic Contact Cleaner 55	
	CARE Service..... 34	<i>Food-Grade Lubricants</i>	
04	Cleaning and Degreasing 35	53-D FOOD ZONE 56	
	<i>Industrial Cleaning and Degreasing</i>	53-D FOOD ZONE V 56	
	<i>UNO Line of Cleaners and Degreasers</i>	<i>Industrial Lubricants</i>	
53-G	UNO S 36	53-D POLY-LUBE 56	
53-G	UNO SF 36	53-D DRY PRO 56	
		53-E OPEN GEAR 58	
	<i>STAR Line of Cleaners and Degreasers</i>	53-D CHAIN GANG 58	
53-G	STAR 200 38	53-D HANG-ON 59	
53-G	ALUSTAR 100 38	53-D BOLT-OUT 59	
53-G	ALUSTAR 200 39	53-D ROCK'N ROLL 60	
53-G	ALUSTAR 300 39	<i>Cutting Fluids</i>	
53-G	Corrosion Inhibitor additive 40	53-B COOLCUT 61	
53-G	Defoamer additive 40	53-C COOLCUT S-30..... 62	
53-L	Titration kit 40	53-C COOLCUT S-50..... 62	
53-L	Proportioning system 40	53-B ALUCUT 63	
		53-B STAINLESSCUT 63	
	<i>Stainless Cleaning</i>	53-C ICECUT 64	
53-G	E-NOX CLEAN 41	53-A TAPCUT 64	
53-G	E-NOX SHINE 41	<i>Corrosion Protection</i>	
		53-H SHIELD PRO 65	
	<i>Rust Removal & Brightening</i>	53-H ZINC-100 66	
53-G	BIO-RUST 42	53-H ZINC-200 66	
53-G	POWER CLEANER 100 42	Accessories 55	
		Numerical listing 59	

NEW PRODUCTS FOR 2017

CB 100™ LR & CB 100™ ALU LR

Natural, ultra-powerful, low-residue cleaners/degreasers

Powered by our exclusive Nature Boost™ formula, CB 100™ LR and CB 100™ ALU LR are the next-generation cleaning technology with an enhanced low-residue formulation. Removes heavy greases, anti-seize, burnt oil/fat, paint, food residues, pastes/solid lubricants, crude oil, graphite, proteins, and many other stubborn industrial contaminants with unsurpassed cleaning power. These solutions are compatible with steel and stainless steel (CB100™ LR) as well as aluminum (CB100™ ALU LR).



FT 100™

Fast-drying cleaning agent for removing light oils

FT 100™ is a surfactant-free, fast-drying cleaning agent that removes light oil pollution, dust, fingerprints, felt pen, and pencil residues from stainless steel surfaces, plastics, glass, mirrors, metals, and all highly polished glossy surfaces.



Contact Clean™

Non-flammable electronics and electrical equipment cleaner

Contact Clean™ removes grease, oil, and contaminants from sensitive electronics and electrical equipment to prevent contact failure. Fast-evaporating formula dries residue-free in seconds. It is safe to use on most plastics.



AMPS 1000™

Automatic mist pressure sprayer

AMPS 1000™ is a liquid delivery system that propels a constant stream of mist straight from the container. Its adjustable mist pattern allows for minimal use of liquid and reduces waste. The 25 feet long hose allows easy spraying of large surfaces and intricate spaces.



New Maxi + New Compact S

New generation manual parts washer

If you're looking to create a safer workplace without compromising performance, our Bio-Circle® and CleanBox® industrial parts washers are built for you. These cutting-edge cleaning and degreasing systems are sturdy, reliable, low maintenance, and specially designed for water-based cleaning, allowing you to quickly power through the most demanding cleaning jobs. When paired with Bio-Circle® and CB 100™ solutions, our parts washers will transform your cleaning operations, making them easy, eco-friendly, efficient, and safe.



New Formats

CB 100™ is now available in new 500ml format (16,9 oz) format. CB 100™ unsurpassed ability to remove stubborn industrial contaminants in parts washers and dipping tank can now serve applications where parts can only be sprayed. Also available with CB 100™ LR, and CB 100™ ALU LR. We are also replacing our 5L containers for popular 3,78L (1 gallon) format.



Look for the  symbol for new product / format

CLEANING AND DEGREASING SELECTION CHART

TYPE OF CLEANERS		ALKALINE / NEUTRAL							
Contaminant		Organic: grease, oil, corrosion protection, lubricants, smoke, finger prints, dust, carbon, graphite, soot, etc.							
Cleaning process		Spray and wipe	Ultrasonic bath	Floor washing machine and general maintenance	Pressure washer	Hot parts washer	Automated parts washer	Dip tank	Manual parts washer
Parent material	Steel	UNO S F UNO S FT 100 FT 200	CB 100 CB 100 LR STAR 200	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100 CB 100 LR	Bio-Circle L Bio-Circle Ultra CB 100 CB 100 LR
	Stainless steel	UNO S F UNO S FT 100 FT 200 E-Nox Shine	CB 100 CB 100 LR STAR 200	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100 CB 100 LR	
	Aluminum	FT 100 FT 200 E-Nox Shine	CB 100 ALU CB 100 ALU LR ALUSTAR 100 ALUSTAR 200 ALUSTAR 300	ALUSTAR 100	ALUSTAR 100	ALUSTAR 100 ALUSTAR 200 ALUSTAR 300	ALUSTAR 100 ALUSTAR 200 ALUSTAR 300	CB 100 ALU CB 100 ALU LR	Bio-Circle Aero CB 100 ALU CB 100 ALU LR
	Copper / Brass	FT 100 FT 200	CB 100 ALU CB 100 ALU LR	ALUSTAR 100	ALUSTAR 100	ALUSTAR 100 ALUSTAR 200 ALUSTAR 300	ALUSTAR 100 ALUSTAR 200 ALUSTAR 300	CB 100 ALU CB 100 ALU LR	
	Glass	UNO S F UNO S FT 100 FT 200	CB 100 CB 100 LR	UNO S F	UNO S F ALUSTAR 100	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100 CB 100 LR	—
	Plastic	UNO S F UNO S FT 100 FT 200	CB 100 CB 100 LR	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100 CB 100 LR	—

Note: It is very important to know the next step after cleaning. For instance, if painting is required after the cleaning operation, a surface preparation cleaner may be recommended.

Inorganic contaminant: Mineral-based compounds such as rust, limescale, etc.

Organic contaminants: Carbon-based compounds such as oil, grease, etc.

Other contaminants: Can be a combination of organic and inorganic contaminants

Neutralization of acidic cleaners: Proper neutralization with an alkaline cleaner is always required to deactivate the acid and prevent damages to the parent material

Steps to proper neutralization:

1. Wipe off the excess of acid
2. Apply an alkaline cleaner
3. Wipe off the surface with a clean rag (rinse and dry when necessary)

ACIDIC					ULTRA-POWERFUL NATURAL CLEANER AND DEGREASER		
Inorganic: rust, corrosion, limescale, calamine, heat tint, etc.					Other: paint, glue, adhesive, ink, wax, tar, etc.		
Spray and wipe	Ultrasonic bath	Hot parts washer	Automated parts washer	Dip tank	Spray and wipe	Ultrasonic bath	Dip tank
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Bio-Rust and Power Cleaner 100	GS 200 SC 400	CB 100 CB 100 LR	GS 200 CB 100 CB 100 LR
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	GS 200 SC 400	CB 100 CB 100 LR	GS 200 CB 100 CB 100 LR
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	GS 200 SC 400	CB 100 ALU CB 100ALU LR	GS 200 CB 100 ALU CB 100ALU LR
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	GS 200 SC 400	CB 100 ALU CB 100ALU LR	GS 200 CB 100 ALU CB 100ALU LR
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	GS 200 SC 400	CB 100 CB 100 LR	GS 200 CB 100 CB 100 LR
—	—	—	—	—	—	CB 100 CB 100 LR	CB 100 CB 100 LR



CLEANER CHARACTERISTICS

	Fast evaporating	Flammability	pH level	Residue	Short term protection	Long term protection	Rinsable	Dilutable	Biodegradable
BIO-CIRCLE L BIO-CIRCLE ULTRA BIO-CIRCLE AERO	No	None	Neutral	Yes	Yes	No	Yes	No	Yes
CB 100	No	None	Slightly alkaline	Yes	Yes	No	Yes	No	Yes
CB 100 LR	No	None	Slightly alkaline	Low	Yes	No	Yes	No	Yes
CB 100 ALU	No	None	Slightly alkaline	Yes	Yes	No	Yes	No	Yes
CB 100 ALU LR	No	None	Slightly Alkaline	Low	Yes	No	Yes	No	Yes
UNO S	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 40:1)	Yes
UNO S F	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 40:1)	Yes
STAR 200	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 1:200)	Yes
ALUSTAR 100	No	None	Slightly Alkaline	Low	Yes	No	Yes	Yes (up to 1:20)	Yes
ALUSTAR 200	No	None	Alkaline	Low (when used as directed)	Yes	No	Yes	Yes (up to 1:200)	Yes
ALUSTAR 300	No	None	Alkaline	Low	Yes	No	Yes	Yes (up to 1:200)	Yes
E-NOX CLEAN	No	None	Acidic	Yes	No	No	Yes	Yes (up to 10:1)	Yes
E-NOX SHINE	No	None	Alkaline	Yes	Yes	No	Yes	No	Yes
BIO-RUST	No	None	Neutral	Yes	Yes	No	Yes	No	Yes
POWER CLEANER 100	No	None	Acidic	Yes	No	No	Yes	Yes (up to 40:1)	Yes
GS 200	No	Low (102°C/215°F)	---	Yes	No	No	No	No	Yes
SC 400	No	Mod. (45°C/113°F)	---	Yes	No	No	No	No	Yes
OMNI	No	Mod. (45°C/113°F)	---	Yes	Yes	Yes	No	No	No
FT 100	Yes (after wiping)	Mod.(43°C/104°F)	Slightly alkaline	Low	No	No	Yes	No	Yes
FT 200	Yes (after wiping)	Mod.(40°C/104°F)	Slightly alkaline	Low	No	No	Yes	No	Yes
AF-PL	Yes	High (-24°C/-11°F)	---	No	No	No	No	No	No
SLAP SHOT	Yes	High (-24°C/-11°F)	---	No	No	No	No	No	No
CONTACT CLEAN	Yes	None	---	No	No	No	No	No	No

Legend: ● Water-based ● Natural solvent-based ● Oil-based ● Solvent-based



Volatile Organic Compounds Free
Consumers today are far more knowledgeable regarding products containing potentially toxic levels of volatile organic compounds, commonly known as VOCs. Paints, stains, and varnishes have long contributed considerably to the prolific release of VOCs, sometimes known as off-gassing. This explains the growing popularity of low-VOC and VOC-free products. Products where you see the VOC-free logo guarantee that they contain no volatile organic compounds.



CAS - Clean Air Solvent Certification
The Clean Air Act Solvent Certification is delivered by the SCAQMD (South Coast Air Quality Management District). They are committed to protect the health of residents in the Orange County and the urban portion of Los Angeles, Riverside and San Bernardino counties (California). Their environmental certification criteria are among the most strict around the world.

CLEANER APPROVALS

	EPA ⁴ 40CFR ⁵ compliant	HAP ⁶ free	TSCA compliant	DSL compliant ³	NSF approved ¹	Accepted for use in food plants in Canada	SCAQMD ²
BIO-CIRCLE L BIO-CIRCLE ULTRA BIO-CIRCLE AERO	Yes	Yes	Yes	Yes	Yes	Yes	No
CB 100	Yes	Yes	Yes	Yes	Yes	No	No
CB 100 LR	Yes	Yes	Yes	Yes	Yes	No	No
CB 100 ALU	Yes	Yes	Yes	Yes	No	No	No
CB 100 ALU LR	Yes	Yes	Yes	Yes	No	No	No
UNO S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UNO S F	Yes	Yes	Yes	Yes	Yes	Yes	Yes
STAR 200	Yes	Yes	Yes	Yes	No	Yes	Yes
ALUSTAR 100	Yes	Yes	Yes	Yes	No	No	No
ALUSTAR 200	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALUSTAR 300	Yes	Yes	Yes	Yes	Yes	Yes	Yes
E-NOX CLEAN	Yes	Yes	Yes	Yes	Yes	Yes	No
E-NOX SHINE	Yes	Yes	Yes	Yes	Yes	Yes	No
BIO-RUST	Yes	Yes	Yes	Yes	Yes	No	Yes
POWER CLEANER 100	Yes	Yes	Yes	Yes	Yes	Yes	No
GS 200	Yes	Yes	Yes	Yes	Yes	Yes	No
SC 400	No	Yes	Yes	Yes	No	No	No
OMNI	Yes	Yes	Yes	Yes	Yes	Yes	No
FT 100	Yes	Yes	Yes	Yes	Yes	No	No
FT 200	Yes	Yes	Yes	Yes	Yes	Yes	No
AF-PL	No	Yes	Yes	Yes	No	No	No
SLAP SHOT	No	Yes	Yes	Yes	Yes	Yes	No
CONTACT CLEAN	No	Yes	Yes	Yes	Yes	No	No

¹ National Sanitation Foundation ² South Coast Air Quality Management District ³ Domestic Substances List

⁴ Environmental Protection Agency ⁵ Code of Federal Regulations ⁶ Hazardous Air Pollutants



Accepted for use in food plants
Products with this logo presented are accepted for use in food plants within Canadian borders.



Nonfood Compounds Program
The global food industry relies upon nonfood compounds to facilitate the efficient processing, handling and storage of food throughout the supply chain. Nonfood compounds include such substances as cleaners, sanitizers, boiler compounds and lubricants. NSF International Nonfood Compounds Registration Program provides beneficial product information to three important stakeholder groups.



Low Energy Surfactant (LES) technology
These unique surfactants can clean and degrease effectively at lower temperatures, thus generating substantial energy savings. Lower the temperature of your automated industrial parts washers today! NOTE: Dilution up to 1:200

BIO-CIRCLE VOC GUIDE

To reduce ground-level ozone and smog, certain U.S. states regulate the sale of volatile organic compounds (VOC) in consumer and industrial products. The goal is to decrease the use of high-VOC products in consumer, commercial, and industrial applications and incentivize suppliers to create lower-VOC alternatives.

Bio-Circle® offers powerful solutions for industrial applications. Whenever possible, we offer low-VOC or VOC-free alternatives to replace high-VOC products. For example, we use compressed air as an alternative to high-VOC propellants for some of our aerosol solutions.

We are committed to keeping our customers informed of any restrictions on the use of our products. Below, you'll find a list of our products and the states that restrict their use in some applications.

All states provide exemptions for high-VOC products used in the manufacturing process. Contact your local air quality regulators to learn more about VOC restrictions that may apply in your state or county.

Products	Order No.	COMPLIANCE as per CARB 310*	Restricted for sale in the following States to manufacturing use only, not for retail sale: CA, UT, NH, CT, DC, DE, IN, IL, MD, ME, MA, MI, NY, NJ, OH, PA, RI, VA
CB 100 ALU	53-G 125, 53-G 127, 53-G 128	✓	
GS200	53-G 623, 53-G 626, 53-G 627, 53-G 628		✓
SC400	53-G 513, 53-G 516, 53-G 517, 53-G 518		✓
OMNI Liquid	53-X 003, 53-X 006, 53-X 007, 53-X 008	✓	
FT 100	53-G 183, 53-G 187, 53-G 188	✓	
AF-PL	53-C 553-, 53-C 556, 53-C 557, 53-C 558		✓
Contact Clean	53-C 712	✓	
Slap Shot Aerosol	53-C 502		✓
Slap Shot Liquid	53-C 503, 53-C 506, 53-C 508		✓
Slap Shot PL Aerosol	53-C 552		✓
Coolcut Aerosol	53-B 002		✓
Open Gear Aerosol	53-E 102		✓
Chain Gang Aerosol	53-D 102		✓
Hang On Liquid	53-D 813, 53-D 816, 53-D 817		✓
Bolt Out Aerosol	53-D 892		✓
Rock'N Roll Aerosol	53-D 852		✓
Zinc 100 Aerosol	53-H 102		✓
Zinc 200 Aerosol	53-H 152		✓

* California Environmental Protection Agency Air Resources Board, method 310 for determination of Volatile Organic Compounds (VOC) in consumer products and reactive organic compounds in aerosol coating products.

BIO-CIRCLE® | *Cleaning basics*

Before exploring all that Bio-Circle has to offer, there are some quick and easy tips that will help ensure you choose the right cleaner to get the job done.

Cleaning products are divided into water-based cleaners and solvents. What differentiates water-based cleaners (and the way they remove contaminants) is their pH; they can be acidic, neutral or alkaline. Once you know the required pH for your application, you can easily choose the best cleaner to remove the given contaminant quickly and easily.

Acidic cleaners are used to remove inorganic contaminants such as rust, limescale and mineral deposits from metallic surfaces.

Neutral cleaners are used whenever the use of acidic or alkaline cleaners is a concern, or if the items to be cleaned are delicate.

Alkaline cleaners are used to remove organic contaminants such as grease, oil and protein residues.

	Cleaner type	Products	Comparatives
0	Acidic Oxidation Rust Mineral deposits	E-NOX CLEAN	Battery acid
		POWER CLEANER 100	Gastric acid
		BIO-RUST	Vinegar
5	Neutral Oil, grease, rust	BIO-CIRCLE L BIO-CIRCLE ULTRA BIO-CIRCLE AERO	Cola
		CB 100 ALU ALUSTAR 100	Coffee
			Beer, wine
10	Alkaline Oil, proteins, grease, wax, resin	CB 100	Saliva
		E-NOX SHINE, UNO S, UNO S F, FT 100, FT 200	Seawater
		ALUSTAR 200	Baking soda
14		STAR 200 ALUSTAR 300	Drinking water
			Liquid ammonia
			Soapy water

The Cleaning Matrix

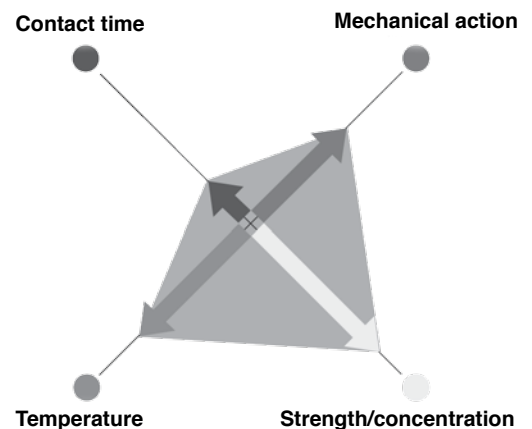
When it comes to cleaning and cleaning efficiency, each product's cleaning performance can be improved by four key elements:

- Contact time
- Mechanical action
- Temperature
- Strength/concentration

If any of these four elements are increased, the performance of your given product will be improved.

For example:

Using a high pressure washer (mechanical) and hot tap water (temperature) mixed with a cleaner in its strongest concentration (power) for 1 minute (time) will result in a given cleaner performance. By increasing the time or the temperature at which you use the product, you will increase the performance of the product.



LIQUIDS AVAILABLE SIZES

Bio-Circle's nature-powered cleaning and degreasing products come in a wide range of sizes and formats to suit your needs. From our small, no-drip, continuous spray mist bottles to bulk barrels or totes, we've got you covered.

Our industry-leading formulas and delivery systems can satisfy ultra-specific, high-volume surface treatment and cleaning needs, making Bio-Circle the clear choice for manufacturing applications of all kinds. No matter how stringent your cleaning requirements, our team of experts will provide you with the perfect custom solution — one that improves working conditions, reduces waste, protects the environment, and maximizes your overall productivity.

1000 L / 264 gal.



208 L / 55 gal.



20 L / 5.2 gal.



3.78 L / 1 gal.



20 L / 5.2 gal.

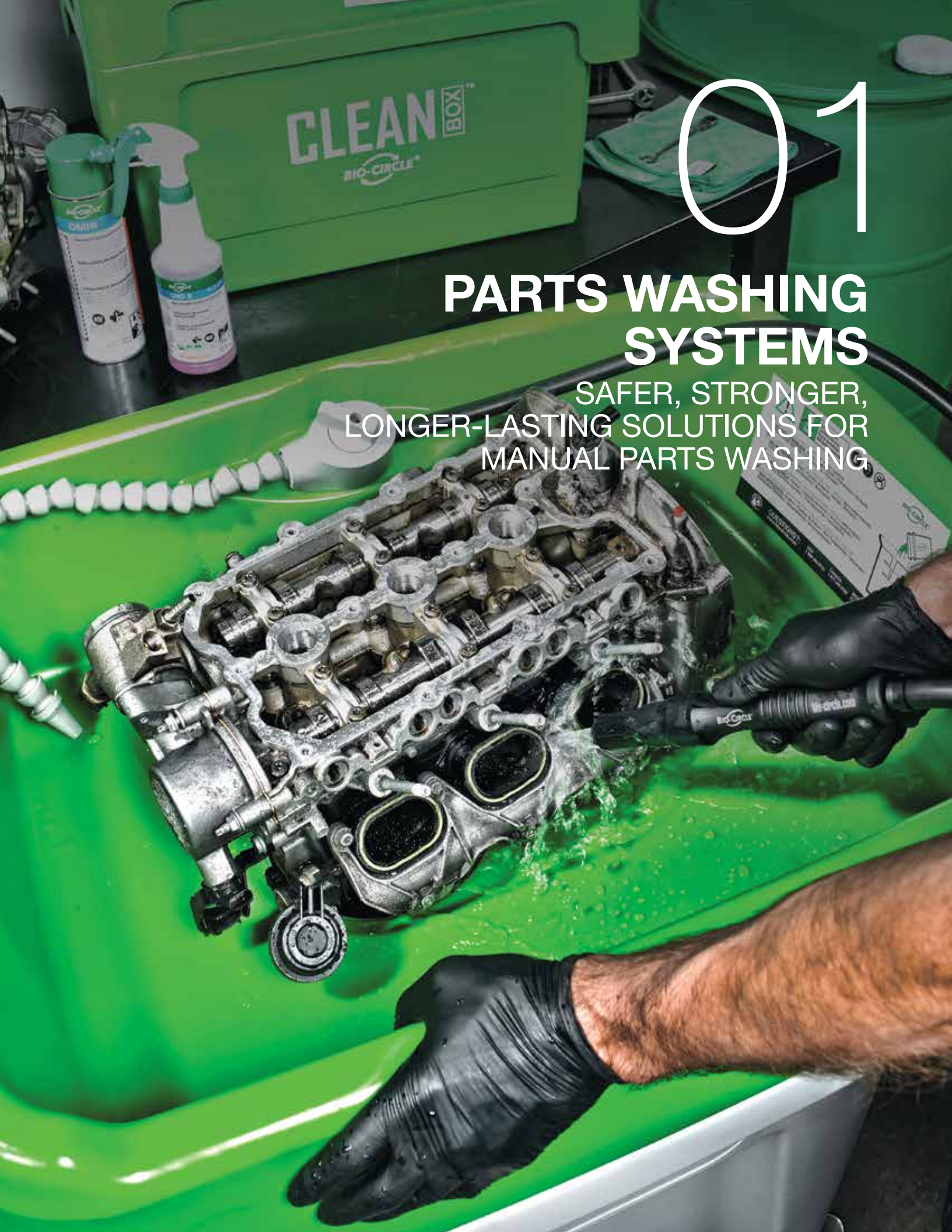


500 ml / 16.9 oz



480 ml / 16.2 oz





01

PARTS WASHING SYSTEMS

SAFER, STRONGER,
LONGER-LASTING SOLUTIONS FOR
MANUAL PARTS WASHING

The safest and most efficient solution for companies seeking cost-effective green cleaning technology. Bio-Circle parts washing systems drastically reduce chemical waste, and are a proven alternative to traditional solvent cleaners. Bio-Circle machines eliminate regulatory paperwork and the need for respiratory and ventilation equipment associated with solvent-based cleaning systems.

OUR PARTS WASHERS ARE DESIGNED TO MEET ANY OF YOUR PARTICULAR CLEANING REQUIREMENTS. DISCOVER HOW OUR TWO CLEANING TECHNOLOGIES, BIO-RENEWABLE LIQUIDS AND BIO-REMEDICATING LIQUIDS, CAN ADDRESS YOUR NEEDS.

Bio-renewable Liquids and Parts Washers

The CleanBox® family of parts washers is perfect for heavy-duty and synthetic contaminants. They perform exceptionally well at room temperature with CB 100™, CB 100™ ALU, CB 100™ LR and CB 100™ ALU LR which are powerful natural cleaners and degreasers. A range of sizes and models are available to suit virtually any application.

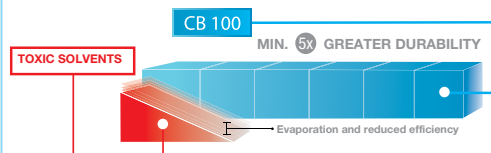


Nature Boost



Bio-renewable cleaning liquids are powered by Nature Boost™ an exclusive and powerful ingredient derived from plant-based extracts. Bio-renewable solutions keep their full cleaning power over a longer period of time than toxic solvents because the oil separates and floats to the surface, allowing you to skim oils from the top of your tank.

Durability comparison





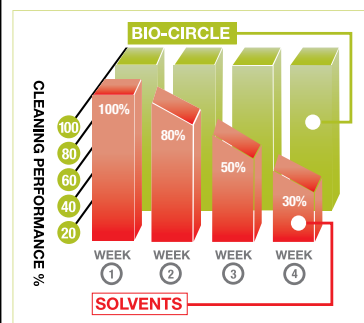
100%
non-toxic
 non-flammable
 biodegradable
 cleaning solutions

Bio-remediating Liquids and Part Washers

Bio-Circle® bio-remediating parts washing systems are a safe, efficient and sustainable solution for companies seeking cost-effective green cleaning technology. They reduce hazardous chemical waste and are a proven alternative to traditional solvent cleaners.



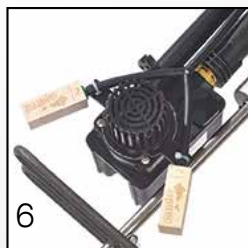
Our bio-remediating family of cleaners contain live micro-organisms that digest oils and other organic contaminants, turning them into water and carbon dioxide. Bio-remediating liquids maintain their cleaning power over time, an economical and environmental advantage over toxic solvents and weaker water based systems.



PARTS WASHERS FEATURES

If you're looking to create a safer workplace without compromising performance, our Bio-Circle® and CleanBox® industrial parts washers are built for you. These cutting-edge cleaning and degreasing systems are sturdy, reliable, low maintenance, and specially designed for water-based cleaning, allowing you to quickly power through the most demanding cleaning jobs. When paired with Bio-Circle® or CB 100™ solutions, our parts washers will transform your cleaning operations, making them easy, eco-friendly, efficient and safe.


- 1 Electronically controlled PCB board with onboard diagnostics
- 2 LED flashing push button:
Flashing LED push button displays machine status
- 3 Air pump:
Provides air circulation and convection
- 4 In-line filter housing:
Ensures filtration of heavy metal pieces and contaminants
- 5 CSA certified:
Conforms to industry standards for safety compliance materials and electronics
- 6 Fluid pump:
Electronically controlled fluid pump for liquid circulation
- 7 Air diffuser:
Distributes air evenly for maximum circulation
- 8 Probe:
Rugged stainless probe construction houses temperature and thermal shut-off safety sensors
- 9 Heater:
Liquid heating ensures optimal cleaning performance
- 10 Under-sink filter bag :
Ensures filtration of heavy metal pieces and contaminants
- 11 Gasket:
Prevents unwanted liquid evaporation
- 12 Sink filter assembly:
-Magnet: Traps metallic particles
-Flapper: Prevents unwanted liquid evaporation
-In-sink filters: Filter meshes (2 sizes) trap heavy metal pieces and contaminants
- 13 Two-way valve:
-Flexible articulated hose: Provides steady stream of liquid for cleaning
-Multijet flow-through brush: Provides steady stream of liquid for cleaning, plus integration brush for scrubbing



PARTS WASHERS SPECIFICATIONS

BIO-RENEWABLE SYSTEMS

BIO-REMEDiating SYSTEMS







							
	CleanBox Compact S		CleanBox Maxi		Bio-Circle Compact S	Bio-Circle Maxi	
	HEATED	NON HEATED	HEATED	NON HEATED	HEATED	HEATED	
	Compact unit ideal for mobile cleaning; perfect for work stations. For extra fast cleaning action or in lower temperature room conditions.	Compact unit ideal for mobile cleaning; perfect for work stations. Great cleaning power at room temperature with CB 100 solutions.	Versatile system, with load capacity to accommodate heavy parts. For extra fast cleaning action or in lower temperature room conditions.	Versatile system, with load capacity to accommodate heavy parts. Great cleaning power at room temperature with CB 100 solutions.	Compact unit ideal for mobile cleaning; perfect for work stations. Eliminates the need of frequent material management.	Versatile system, with load capacity to accommodate heavy parts. Eliminates the need of frequent material management.	
Item no.	55-D 365	55-D 360	55-D 615	55-D 610	55-D 350	55-D 600	
Dimensions	90 x 60 x 112 (35" x 24" x 44")	90 x 60 x 112 (35" x 24" x 44")	97 x 69 x 110 (38" x 27" x 43")	97 x 69 x 110 (38" x 27" x 43")	90 x 60 x 112 (35" x 24" x 44")	97 x 69 x 110 (38" x 27" x 43")	
Max tank capacity	120 L (37 gal)	120 L (37 gal)	140 L (37 gal)	140 L (37 gal)	120 L (31.7 gal)	140 L (37 gal)	
Load capacity	100 Kg (220 lbs)	100 Kg (220 lbs)	220 Kg (500 lbs)	220 Kg (500 lbs)	100 Kg (220 lbs)	220 Kg (500 lbs)	
Polyethylene resin construction	•	•	•	•	•	•	
New ergonomic design, accessible and extra stable	•	•	•	•	•	•	
Optimized depth of basin ensures splash protection			•	•		•	
Multijet flow-through brush	•	•	•	•	•	•	
Equipped with a flexible articulated hose with flat nozzle and cleaning brush	•	•	•	•	•	•	
Two in-sink filter of different size	•	•	•	•	•	•	
Under sink filter bag	•	•	•	•	•	•	
In-line filter housing	Optional	Optional	•	•	Optional	•	
Magnet to trap metallic chips	•	•	•	•	•	•	
Removable multi-function unit (RMU control unit)	•	•	•	•	•	•	
Optimized control box makes it easy to use	•	•	•	•	•	•	
Electronically controlled PCB board with on-board diagnostic	•		•		•	•	
Adjustable thermostat	•		•		•	•	
Adjustable timer	•		•		•	•	
Low liquid level detection			•			•	
Probe with enhanced functions (liquid level, temperature sensor, thermal safety)	•		•	•	•	•	
All sensors contained in rigid stainless steel constructed probe	•		•		•	•	
Air pump	•		•		•	•	
Led flashing push button	•		•		•	•	
Electronic liquid circulating pump	•	•	•	•	•	•	
CSA (Canada/USA) certified	•	•	•	•	•	•	
Accessories							
Dolly	55-B 089	55-B 089			55-B 089		
Caster			55-B 049	55-B 049		55-B 049	
Lid			55-B 047	55-B 047		55-B 047	
Insert	55-B 045	55-B 045	55-B 048	55-B 048	55-B 045	55-B 048	

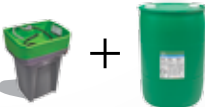
CHOOSING THE RIGHT SYSTEM


Four steps to consider when selecting the best product to meet your needs.

Bio-Circle® systems make it easy to use nontoxic solvents for all your parts washing needs. We offer everything from large, nearly maintenance-free units for your production facility to the simplest benchtop units for occasional dipping applications. We'll help you select the solution that's right for you, so you can start cleaning in a whole new way.

<h1 style="font-size: 48px; margin: 0;">1</h1> <p style="font-size: 24px; margin: 0;">Liquid</p>	Bio-renewable solutions	Bio-remediating solutions
	<p>Heavy-duty cleaning for removing ink, adhesive, synthetic oils, heavy grease other tough contaminants. Working exceptionally well at room temperature. These only need periodical oil skimming.</p>	<p>These self-regenerating solutions contain micro-organisms that break down oils and greases into CO₂ and H₂O, with almost ZERO waste products to dispose of.</p>

<h1 style="font-size: 48px; margin: 0;">2</h1> <p style="font-size: 24px; margin: 0;">Parts washer</p>	<p>CleanBox Compact S</p>  <p>CleanBox Dip</p> 	<p>CleanBox Maxi</p>  <p>CleanBox Mega</p> 	<p>Bio-Circle Compact S</p> 	<p>Bio-Circle Maxi</p> 
--	---	---	---	--

<h1 style="font-size: 48px; margin: 0;">3</h1> <p style="font-size: 24px; margin: 0;">Start-up packages</p>	 <p>+</p> <p>OR</p>	<p>Pail format for standard use</p>
	 <p>+</p>	<p>Drum format for even more economical use.</p>

<h1 style="font-size: 48px; margin: 0;">4</h1> <p style="font-size: 24px; margin: 0;">Care Service</p>	<p>Bio-Circle Care™ Service is offered to provide a hassle-free experience, minimizing your cost for maintenance and optimizing the overall maintenance procedure of your Bio-Circle parts washer. Our on-site technicians are trained to provide expert service on all Bio-Circle products and to advise on process improvements. We propose various service packages for worry-free operation. Bio-Circle Care™ Service is available in certain areas only. Contact us for more details.</p>	
--	--	---

02

**BIO-RENEWABLE
SYSTEMS**



BIO-RENEWABLE SOLUTIONS



Heavy-duty cleaning for removing ink, adhesive, synthetic oils, heavy grease and other tough contaminants. Work exceptionally well at room temperature. These only need periodical oil skimming.

CB 100™ LR

NEW

Natural, ultra-powerful, low-residue cleaner/degreaser.

Powered by our exclusive Nature Boost™ formula, CB 100™ LR is a next-generation cleaning technology with an enhanced low-residue formulation. Removes the most stubborn industrial contaminants with unsurpassed cleaning power.

NSF category C1, registration #154455

Applications

- ▷ Low-residue requirement on parts before any next-step treatment (painting, varnish, sealing, gluing, coating, etc.)
- ▷ Removing inks and dyes from plastic injection molds

Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 133	L-166	12
Liquid	3.78 L	1 gal	53-G 135	L-166	1
Liquid	20 L	5.2 gal	53-G 137	L-166	1
Liquid	208 L	55 gal	53-G 138	L-166	1
Liquid	1000 L	264 gal	53-G 139	L-166	1



Benefits

- ▷ Outlasts solvent cleaners by 3-5x
- ▷ Shortens cleaning time
- ▷ Lowers energy costs
- ▷ Reduces workplace liability

Features

- ▷ Non-caustic, nonhazardous, phosphate-free, and butyl-free
- ▷ Cuts through contaminants most solvents can't touch
- ▷ Low residue
- ▷ 1% VOC content

CB 100™

Ultra-powerful natural cleaner/degreaser

CB 100™ is next-generation cleaning technology. Powered by our exclusive Nature Boost™ formula, CB 100™ is unsurpassed in its ability to remove the most stubborn industrial contaminants.

NSF category C1, registration #148555

Applications

- ▷ Cleaning asphalt from paving equipment
- ▷ Removing tough greases from gears and bearings

Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 163	L-155	12
Liquid	3.78 L	1 gal	53-G 165	L-155	1
Liquid	20 L	5.2 gal	53-G 167	L-155	1
Liquid	208 L	55 gal	53-G 168	L-155	1
Liquid	1000 L	264 gal	53-G 169	L-155	1



Benefits

- ▷ Outlasts solvent cleaners by 3-5x
- ▷ Shortens cleaning time
- ▷ Creates a safer, more pleasant work environment
- ▷ Reduces workplace liability

Features

- ▷ Ready-to-use, non-caustic, non-hazardous, phosphate-free, and butyl-free
- ▷ Cuts through contaminants most solvents can't touch
- ▷ Great cleaning power at room temperature
- ▷ 1% VOC content

CB 100 ALU LR™ NEW

Natural, ultra-powerful, low-residue cleaner/degreaser. Safe for use with aluminum and non ferrous alloys.

Powered by our exclusive Nature Boost™ formula, CB100™ ALU LR is next-generation cleaning technology with an enhanced low-residue formulation and specially designed for cleaning aluminum and sensitive alloys. Removes the most stubborn industrial contaminants with unsurpassed cleaning power.

Applications

- ▷ Low-residue requirement on parts before any next-step treatment (painting, varnish, sealing, gluing, coating, etc.)
- ▷ Cleaning asphalt from paving equipment



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 143	L-168	12
Liquid	3.78 L	1 gal	53-G 145	L-168	1
Liquid	20 L	5.2 gal	53-G 147	L-168	1
Liquid	208 L	55 gal	53-G 148	L-168	1
Liquid	1000 L	264 gal	53-G 149	L-168	1

CB 100 ALU™

Ultra-powerful natural cleaner/degreaser safe for use with aluminum and non-ferrous alloys

CB 100™ ALU is a powerful cleaner/degreaser powered by our unique Nature Boost™ technology. Similar to the CB 100™ cleaning solution, yet specially designed for cleaning aluminum and sensitive alloys. Replaces hazardous solvents and petroleum-based products for improved health and safety in the workplace.

Applications

- ▷ Removing coolants and cutting oils from parts in machine shops
- ▷ Degreasing engine components during repair and rebuild operations



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	W 500 ml	16.9 fl.oz.	53-G 123	L-158	12
Liquid	W 3.78 L	1 gal	53-G 125	L-158	1
Liquid	20 L	5.2 gal	53-G 127	L-158	1
Liquid	208 L	55 gal	53-G 128	L-158	1
Liquid	1000 L	264 gal	53-G 129	L-158	1



Benefits

- ▷ Outlasts solvent cleaners by 3-5x
- ▷ Shortens cleaning time
- ▷ Lowers energy costs
- ▷ Reduces workplace liability

Features

- ▷ Low residue
- ▷ Non-caustic, nonhazardous, phosphate-free, and butyl-free
- ▷ Cuts through contaminants most solvents can't touch
- ▷ Formulated with special corrosion protection
- ▷ 1% VOC content



Benefits

- ▷ Outlasts solvent cleaners by 3-5x
- ▷ Shortens cleaning time
- ▷ Eliminates material compatibility issues
- ▷ Reduces workplace liability

Features

- ▷ Ready-to-use, non-caustic, non-hazardous, phosphate-free, and butyl-free
- ▷ Great cleaning power at room temperature
- ▷ 0.21% VOC content - VOC compliant as per CARB 310
- ▷ Formulated with special corrosion protection

BIO-RENEWABLE SYSTEMS

Equipped with the latest parts washing technology, these next-generation cleaning systems are reliable, easy to maintain, and built for intense usage. They are recommended for use with CB 100™ products, which are perfect for cleaning heavy-duty and synthetic contaminants.

CLEANBOX® COMPACT S NEW

Compact manual parts washer for bio-renewable solutions
 The CleanBox® COMPACT S cleaning/degreasing unit is perfect for crowded work stations. Heated for extra fast cleaning action in lower-temperature conditions. Offers a safe, efficient, and eco-friendly way to clean and degrease industrial parts. Compatible with CB 100™ solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
35 in X 24 in X 44 in 90 cm X 60 cm X 112 cm	31.7 gal 120 L	220 lb. 100 Kg

Order no.: 55-D 365 Heated version **Order no.:** 55-D 360 Non-heated version



CLEANBOX® MAXI NEW

Large manual parts washer for bio-renewable solutions
 The CleanBox® MAXI is our most versatile system, with a load capacity to accommodate heavy industrial parts. Great cleaning power at room temperature. Compatible with CB 100™ solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
37.8 in X 27 in X 43 in 96.012 cm X 66.04 cm X 111.125 cm	36 gal 140 L	551 lb. 250 Kg

Order no.: 55-D 615 Heated version **Order no.:** 55-D 610 Non-heated version



CLEANBOX® MEGA

Extra large manual parts washer for bio-renewable solutions
 The CleanBox® MEGA system cleans and degreases very large parts or quickly cleans multiple parts all at once. Includes a foot pedal-activated flow-through brush that supplies the cleaning product. Easily cleans all surfaces.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
56 in X 56 in X 20.5 in 142 cm X 142 cm X 52 cm	66 gal 300 L	2,200 lb. 1000 Kg

Order no.: 55-D 030 Non-heated version



CLEANBOX® Dip

Benchtop dip tank for bio-renewable solutions

CleanBox® Dip Mobile is a compact, portable system designed for pre-soaking industrial parts to loosen stubborn contaminants prior to cleaning with Bio-Circle® industrial parts washing systems. Made of robust, resistant plastic and compatible with all aqueous cleaners and degreasers such as CB 100™, BIO-RUST™, and other Bio-Circle® cleaning solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
23.6 in. X 15.7 in. X 11.8 in 600 mm X 100 mm X 300 mm	5.3 gal 20 L	100 lb. 45.4 Kg

Order no.: 55-D 010

ACCESSORIES

Bio-Circle scraper

Order no.

55-B 063



CLEANBOX® Dip Mobile

Benchtop dip tank for bio-renewable solutions

CleanBox® Dip Mobile is a compact, portable system designed for pre-soaking industrial parts to loosen stubborn contaminants prior to cleaning with Bio-Circle® industrial parts washing systems. Mobile, so you can take with you wherever you go. Made of robust, resistant plastic and compatible with all aqueous cleaners and degreasers such as CB 100™, BIO-RUST™, and other Bio-Circle® cleaning solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
23.6 in. X 15.7 in. X 11.8 in 600 mm X 100 mm X 300 mm	5.3 gal 20 L	100 lb. 45.4 Kg

Order no.: 55-B 083

Order no.: 55-D 010

ACCESSORIES

Bio-Circle scraper

Order no.

55-B 063



CLEANBOX® Flow

Benchtop parts washer for bio-renewable solutions

CleanBox® Flow is ideal for cleaning/degreasing small and medium-sized parts in maintenance areas with limited space. This base model is the most cost-effective offering within the Bio-Circle® family of industrial parts washing systems. Great cleaning power at room temperature with CB 100™ solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
23.6 in X 15.7 in X 11.8 in 600 mm X 400 mm X 300 mm	5.3 gal 20 L	100 lb. 45.4 Kg

Order no.: 55-D 020

ACCESSORIES

Bio-Circle scraper

Order no.

55-B 063



CLEANBOX® Flow Mobile

Mobile benchtop parts washer for biorenewable solutions

CleanBox™ Flow Mobile is ideal for cleaning/degreasing small and medium-sized parts in maintenance areas with limited space. This base model is the most cost-effective offering within the Bio-Circle® family of industrial parts washing systems. Great cleaning power at room temperature with CB 100™ solutions.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
23.6 in X 15.7 in X 11.8 in 600 mm X 400 mm X 300 mm	5.3 gal 20 L	100 lb. 45.4 Kg

Order no.: 55-B 090

Order no.: 55-D 020

ACCESSORIES

Bio-Circle scraper

Order no.

55-B 063



BIO-RENEWABLE START-UP PACKAGES

Each start-up package includes an industrial parts washer or a dip tank and ultra-powerful natural cleaning and degreasing solution

CLEANBOX® COMPACT S

Included: 6 pails (20L / 5.2 gal.)



HEATED

- CB 100 LR **Order no.:** 55-D 365CBLRP
- CB 100 **Order no.:** 55-D 365CBP
- CB 100 ALU LR **Order no.:** 55-D 365CBALRP
- CB 100 ALU **Order no.:** 55-D 365CBAP

NON-HEATED

- CB 100 LR **Order no.:** 55-D 360CBLRP
- CB 100 **Order no.:** 55-D 360CBP
- CB 100 ALU LR **Order no.:** 55-D 360CBALRP
- CB 100 ALU **Order no.:** 55-D 360CBAP



Included: 1 drum (208L / 55 gal.)



HEATED

- CB 100 LR **Order no.:** 55-D 365CBLRD
- CB 100 **Order no.:** 55-D 365CBD
- CB 100 ALU LR **Order no.:** 55-D 365CBALRD
- CB 100 ALU **Order no.:** 55-D 365CBAD

NON-HEATED

- CB 100 LR **Order no.:** 55-D 360CBLRD
- CB 100 **Order no.:** 55-D 360CBD
- CB 100 ALU LR **Order no.:** 55-D 360CBALRD
- CB 100 ALU **Order no.:** 55-D 360CBAD

CLEANBOX® MAXI

Included: 6 pails (20L / 5.2 gal.)



HEATED

- CB 100 LR **Order no.:** 55-D 615CBLRP
- CB 100 **Order no.:** 55-D 615CBP
- CB 100 ALU LR **Order no.:** 55-D 615CBALRP
- CB 100 ALU **Order no.:** 55-D 615CBAP

NON-HEATED

- CB 100 LR **Order no.:** 55-D 610CBLRP
- CB 100 **Order no.:** 55-D 610CBP
- CB 100 ALU LR **Order no.:** 55-D 610CBALRP
- CB 100 ALU **Order no.:** 55-D 610CBAP

Included: 1 drum (208L / 55 gal.)



HEATED

- CB 100 LR **Order no.:** 55-D 615CBLRD
- CB 100 **Order no.:** 55-D 615CBD
- CB 100 ALU LR **Order no.:** 55-D 615CBALRD
- CB 100 ALU **Order no.:** 55-D 615CBAD

NON-HEATED

- CB 100 LR **Order no.:** 55-D 610CBLRD
- CB 100 **Order no.:** 55-D 610CBD
- CB 100 ALU LR **Order no.:** 55-D 610CBALRD
- CB 100 ALU **Order no.:** 55-D 610CBAD



CLEANBOX® MEGA

Included: 2 drums (208L / 55 gal.)



NON-HEATED

- CB 100 LR **Order no.:** 55-D 030CBLRD
- CB 100 **Order no.:** 55-D 030CBD
- CB 100 ALU LR **Order no.:** 55-D 030CBALRD
- CB 100 ALU **Order no.:** 55-D 030CBAD





BIO-RENEWABLE START-UP PACKAGES

CLEANBOX® Dip

Included: 3 pails (20L / 5.2 gal.)



-  CB 100 LR
- CB 100
-  CB 100 ALU LR
- CB 100 ALU



Order no.: 55-D 010CBLRP
Order no.: 55-D 010CBP
Order no.: 55-D 010CBALRP
Order no.: 55-D 010CBAP



CLEANBOX® Dip Mobile

Included: 3 pails (20L / 5.2 gal.) and 1 CleanBox® Dip Mobile Cart



-  CB 100 LR
- CB 100
-  CB 100 ALU LR
- CB 100 ALU

Order no.: 55-D 010CBLRMP
Order no.: 55-D 010CBMP
Order no.: 55-D 010CBALRMP
Order no.: 55-D 010CBAMP



CLEANBOX® Flow

Included: 1 pail (20L / 5.2 gal.)



- CB 100
- CB 100 ALU

Order no.: 55-D 020CBP
Order no.: 55-D 020CBAP



CLEANBOX® Flow Mobile

Included: 1 pail (20L / 5.2 gal.) and 1 CleanBox® Flow Mobile Cart



- CB 100
- CB 100 ALU

Order no.: 55-D 020CBMP
Order no.: 55-D 020CBAMP



03

**BIO-REMEDIATING
SYSTEMS**

BIO-REMEDIATING SOLUTIONS

These self-regenerating solutions contain micro-organisms that break down oils and greases into CO₂ and H₂O, with almost ZERO waste products to dispose of.

BIO-CIRCLE® L

Bio-remediating parts cleaner/degreaser

Bio-Circle® L is a top-selling Bio-remediating parts cleaner/degreaser used in thousands of operations worldwide. Maintains its cleaning power over time, offering an economical and environmental advantage over toxic solvents and weaker water-based systems. **NSF category C1, registration #141285**

Applications

- ▷ Parts cleaning
- ▷ Facility maintenance



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 007	L-78	1
Liquid	200 L	55 gal	55-A 008	L-78	1
Liquid	1000 L	264 gal	55-A 009	L-78	1



Benefits

- ▷ Maximum strength for life of product
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment
- ▷ No respiration equipment required

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Nontoxic, nonflammable, VOC-free
- ▷ Pleasant scent—no harsh fumes or vapors
- ▷ Safe on skin

BIO-CIRCLE® ULTRA

Heavy-duty bio-remediating parts cleaner/degreaser



Bio-Circle® Ultra is a bio-remediating parts cleaner/degreaser that easily cuts through some of the toughest industrial contaminants including crude oil, bitumen, and heavy grease. Maintains its cleaning power over time, offering an economical and environmental advantage over toxic solvents and weaker water-based systems. **NSF category C1, registration #145549**

Applications

- ▷ MRO and production
- ▷ Rebuild and repair operations



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 107	L-148	1
Liquid	208 L	55 gal	55-A 108	L-148	1
Liquid	1000 L	264 gal	55-A 109	L-148	1



Benefits

- ▷ Maximum strength for life of product
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment
- ▷ No respiration equipment required

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Nontoxic, nonflammable, VOC-free
- ▷ Powered by Nature Boost™, an exclusive, highly effective natural Ingredient
- ▷ Pleasant scent—no harsh fumes or vapors

BIO-CIRCLE® Aero

Bio-remediating parts cleaner/degreaser safe for use with sensitive materials

Bio-Circle® Aero liquid is a bio-remediating parts cleaner/degreaser designed to meet the aeronautical industry's stringent requirements. Safe for use with aluminum and other sensitive alloys.

Applications

- ▷ Airport maintenance
- ▷ Aerospace parts manufacturing



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 207	L-161	1
Liquid	208 L	55 gal	55-A 208	L-161	1
Liquid	1000 L	264 gal	55-A 209	L-161	1

Benefits

- ▷ Maximum strength for life of product
- ▷ Eliminates material compatibility issues
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Conforms to: Boeing D6-17487 Revision R Douglas Aircraft Company CSD No.1 (Type I) AMS 1526C
- ▷ Non-toxic, non-flammable, nonhazardous, VOC-free, pH neutral
- ▷ Safe for all metals and most surfaces





WE HAVE BEEN HONORED

We have earned prestigious international awards and certifications including: American Eagle Award, Environmental Choice Program Eco-Logo (USA), CleanTech's Cleaning Technology Award (USA), Deutscher Material Effizienz Preis (Germany), Nord Rhein Westphalien (NRW) Effizienz Preis (Germany), recognition by The Wall Street Journal's Technology Innovation Awards (USA) and the CN sustainable procurement excellence SPX program Award among many others.



BIO-REMEDIANATING SYSTEMS

Equipped with the latest parts washing technology, these next-generation cleaning systems are reliable, easy to maintain, and built for intense usage. They are recommended for use with Bio-Circle® bio-remediating cleaners, which are long lasting and eliminate monthly waste disposal and toxic material management challenges associated with solvent-based cleaning systems.

Bio-Circle® Compact S

Compact manual parts washer for bio-remediating solutions
The Bio-Circle® COMPACT S cleaning/degreasing unit is ideal for maintenance, repair and overhaul (MRO) and machine shops. Offers a safe, efficient, and eco-friendly way to clean and degrease industrial parts when paired with Bio-Circle® L, Bio-Circle® Ultra, or Bio-Circle® Aero parts washing liquid and our CARE Service™ onsite maintenance program.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
35 in X 24 in X 44 in 90 cm X 60 cm X 112 cm	31.7 gal 120 L	220 lb. 100 Kg

Order no.: 55-D 350

ACCESSORIES

Replacement flow-through brush
Angled flow through brush

Order no.

55-B 005
55-B 007

NEW



Bio-Circle® Maxi

Large manual parts washer for Bio-remediating solutions
The Bio-Circle® MAXI is our most versatile system, with a load capacity and working surface to accommodate heavy industrial parts. Offers a safe, efficient, and eco-friendly way to clean and degrease industrial parts when paired with Bio-Circle® L, Bio-Circle® Ultra, or Bio-Circle® Aero parts washing liquid and our CARE Service™ onsite maintenance program.

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
38 in. X 27 in. X 43 in. 97 cm X 69 cm X 110 cm	37 gal 140 L	500 lb. 220 Kg

Order no.: 55-D 600

ACCESSORIES

Parts washing basket

Order no.

55-B 004

NEW



Large stainless steel sink for Maxi

DIMENSIONS L X W X H	MAX TANK CAPACITY	LOAD CAPACITY
59.8 in. X 41.2 in. X 45.5 in. 151.9 cm X 104.6 cm X 115.6 cm	37 gal 140 L	1000 lb. 440 Kg

Order no.: 55-B 046



BIO-REMEDICATING START-UP PACKAGES

Each start-up package includes an industrial parts washer and safe and efficient BIO-REMEDICATING cleaning solutions. These Bio-Circle liquids maintain their cleaning power over time, a clear advantage over solvents.

Bio-Circle® Compact S

Included: 6 pails (20L / 5.2 gal.)

Bio-Circle® L **Order no.:** 55-D 350BCLP

Bio-Circle® ULTRA **Order no.:** 55-D 350BCUP

Bio-Circle® Aero **Order no.:** 55-D 350BCAP



Included: 1 drum (208L / 55 gal.)



Bio-Circle® L **Order no.:** 55-D 350BCLD

Bio-Circle® ULTRA **Order no.:** 55-D 350BCUD

Bio-Circle® Aero **Order no.:** 55-D 350BCAD



Bio-Circle® Maxi

Included: 6 pails (20L / 5.2 gal.)

Bio-Circle® L **Order no.:** 55-D 600BCLP

Bio-Circle® ULTRA **Order no.:** 55-D 600BCUP

Bio-Circle® Aero **Order no.:** 55-D 600BCAP



Included: 1 drum (208L / 55 gal.)



Bio-Circle® L **Order no.:** 55-D 600BCLD

Bio-Circle® ULTRA **Order no.:** 55-D 600BCUD

Bio-Circle® Aero **Order no.:** 55-D 600BCAD





CARE™ Service

Bio-Circle® offers a world-class customer service program to suit the tailored needs of each client, provide a hassle-free experience and optimize the overall maintenance of Bio-Circle® parts washers. The program consists of a 20-point inspection of your parts washer(s), carried out by a professional technician who will perform on-site maintenance.

Plans available customized to your needs

The CARE service 20-point inspection includes:

- ▷ Solution pH analysis
- ▷ Solution temperature verification
- ▷ Cleaning/replacement of the filter cartridge
- ▷ Replacement of air diffusers
- ▷ Float switch inspection
- ▷ Mushroom button verification
- ▷ Air pump verification
- ▷ Heater module verification
- ▷ Overall visual inspection
- ▷ Inside and out cleaning
- ▷ Replacement of hand brushes
- ▷ Complete solution filtration
- ▷ Gaskets verification
- ▷ Filter house inspection
- ▷ Hoses and connections verification
- ▷ Flow-through brush inspection
- ▷ 3-way valve inspection
- ▷ Elimination of interior sediments
- ▷ Top-up of cleaning liquid (Liquid sold separately)
- ▷ Recycling of used pails

Bio-Circle Care™ Service is available in certain areas only. For service outside these coverage zones we offer the Bio-Circle Blue program. Contact us to see which services are offered in your area.

Sign up for the Bio-Circle CARE Service program and get peace of mind knowing your part washer(s) are taken care of!

Note: Walter is not responsible for the inappropriate disposal of contaminants in any Bio-Circle system, which would lead to the deterioration of the Bio-Circle CARE Service program.

04

CLEANING AND DEGREASING

THE MOST POWERFUL
NON-TOXIC ALTERNATIVES
TO TOXIC SOLVENTS



INDUSTRIAL CLEANING AND DEGREASING

Bio-Circle's UNO™ family of cleaning and degreasing products are ideal for various applications conducted at room temperature. Save time and money with UNO™ and its Low Energy Surfactant (LES) technology which allows the product to achieve optimal results at ambient temperature.

UNO™ S

High strength cleaner and degreaser

UNO™ S is a highly concentrated, powerful foaming cleaner/degreaser that lifts dirt and grease fast. Ideal for manual spraying applications. Excellent substitute for solvent-based cleaners.

NSF category A1, registration #142608

Applications

- ▷ Cleaning stainless steel equipment in food industry
- ▷ Removal of cutting fluids, stamping oils & grease



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid, trigger sprayer	500 ml	16.9 oz.	53-G 033	L-143	12
Liquid	3.78 L	1 gal	53-G 035	L-143	1
Liquid	20 L	5.2 gal	53-G 037	L-143	1
Liquid	208 L	55 gal	53-G 038	L-143	1
Liquid	1000 L	264 gal	53-G 039	L-143	1



Benefits

- ▷ Versatile—can be used for a variety of applications
- ▷ Less chemical required per cleaning
- ▷ Creates a safer, healthier work environment

Features

- ▷ Nonflammable, solvent-free, phosphate-free, VOC-free
- ▷ Foaming action for increased contact time
- ▷ Low Energy Surfactant Technology cleans at lower temperatures
- ▷ Dilutable up to 40:1

UNO™ S F

High strength foamless cleaner/degreaser

UNO™ SF is a highly concentrated, powerful foamless cleaner/degreaser that can cut through dirt and grease throughout your facility. Uses range from floor washing and pressure washing of large parts to automatic parts washers. Excellent substitute for solvent-base cleaners. **NSF category A1, registration #142609**

Applications

- ▷ Cleaning of stainless steel equipment
- ▷ Removal of cutting fluids, stamping oils & grease



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 023	L-48	12
Liquid	3.78 L	1 gal	53-G 015	L-48	1
Liquid	20 L	5.2 gal	53-G 017	L-48	1
Liquid	208 L	55 gal	53-G 018	L-48	1
Liquid	1000 L	264,6 gal	53-G 019	L-48	1



Benefits

- ▷ Versatile—can be used for a variety of applications
- ▷ Less chemical required per cleaning
- ▷ Creates a safer, healthier work environment

Features

- ▷ Nonflammable, solvent-free, VOC-free
- ▷ Low Energy Surfactant Technology cleans at lower temperatures
- ▷ Foamless for high-pressure or agitation cleaning systems
- ▷ Dilutable up to 40:1

BIO-CIRCLE CLEANER SELECTOR APP

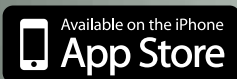


Choose the right cleaner every time!

By answering three simple questions, the Bio-Circle Cleaner Selector app leads you to the perfect cleaner/degreaser that will get the job done quickly and easily.

- 1. Choose the contaminant you want to clean**
- 2. Choose the surface material**
- 3. Choose your cleaning method**

This app will recommend the ideal cleaner/degreaser for your requirements and provide you with valuable information, features and benefits, applications, tips as well as access to SDS/TDS, videos and free samples!



STAR™ LINE OF CLEANERS AND DEGREASERS FOR AUTOMATED PARTS WASHERS

An excellent substitute to solvent-based cleaners! Save on energy and costs with Low Energy Surfactant (LES) Technology! These unique surfactants can clean and degrease effectively at lower temperatures, thus generating substantial energy savings. Lower the temperature of your automated industrial parts washers today!

STAR™ 200

Concentrated alkaline cleaner/degreaser for parts washing systems

STAR™ 200 is a foamless demulsifying alkaline cleaner/degreaser specially formulated for cleaning iron, cast iron, steel, and stainless steel. Excellent at dissolving thick oil, grease, lubricants, and grime.

Applications

- ▶ Hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks
- ▶ Maintenance, repair, and cleaning applications



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 067	L-107	1
Liquid	208 L	55 gal	53-G 068	L-107	1
Liquid	1000 L	264 gal	53-G 069	L-107	1



Benefits

- ▶ Less chemical required per cleaning
- ▶ Lasts longer
- ▶ Saves money
- ▶ Lowers energy costs

Features

- ▶ Highly concentrated - dilutable up to 1:20
- ▶ Phosphate-free, VOC-Free
- ▶ Biodegradable
- ▶ Built-in corrosion inhibitors

ALUSTAR™ 100

Sensitive-material-safe cleaner/degreaser for parts washing systems

Alustar™ 100 is low foam and alkalinity cleaner/degreaser that demulsifies and removes dust, light oil, and grease from aluminum, copper, and sensitive materials.

Applications

- ▶ Automated and semi-automated hot parts washers
- ▶ Removing light residues and dust before coating applications



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 697	L-157E	1
Liquid	208 L	55 gal	53-G 698	L-157E	1



Benefits

- ▶ Safer to handle than caustic cleaning solutions
- ▶ Ultra-low residue formula leaves parts ready to paint, coat, or weld
- ▶ Less chemical required per cleaning
- ▶ Lowers energy costs

Features

- ▶ Low alkalinity, non-caustic and biodegradable
- ▶ Phosphate-free, silicate-free, VOC-free
- ▶ Will not stain or oxidize sensitive or soft metals
- ▶ Built-in corrosion inhibitors

ALUSTAR™ 200

Concentrated alkaline cleaner/degreaser for parts washing systems

Alustar™ 200 is a foamless demulsifying cleaner/degreaser that dissolves and removes thick oil, grease, lubricants, and grime from aluminum and other nonferrous alloys. Ideal for applications that are subject to strict cleaning specifications.

NSF category A8, registration #145452

Applications

- ▷ Automated and semi-automated hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks
- ▷ Removing cutting oils after machining



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-G 705	L-79	1
Liquid	20 L	5.2 gal	53-G 707	L-79	1
Liquid	208 L	55 gal	53-G 708	L-79	1
Liquid	1000 L	264 gal	53-G 709	L-79	1



Benefits

- ▷ Less chemical required per cleaning
- ▷ Lasts longer
- ▷ Saves money
- ▷ Lowers energy costs

Features

- ▷ Highly concentrated - dilutable up to 1:200
- ▷ Phosphate-free, VOC-Free
- ▷ Biodegradable
- ▷ Low Energy Surfactant Technology cleans at lower temperatures

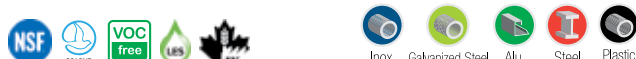
ALUSTAR™ 300

Heavy-duty, highly concentrated alkaline cleaner/degreaser for parts washing systems

Alustar™ 300 is a foamless demulsifying cleaner/ degreaser that easily dissolves and removes persistent oil, grease, lubricants and grime from aluminum, steel, and stainless steel. Excellent for heavy-duty maintenance, repair, and operations cleaning applications. **NSF category A8, registration #145453**

Applications

- ▷ Automated and semi-automated hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks
- ▷ Heavy-duty maintenance, repair, and cleaning applications



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 757	L-106	1
Liquid	208 L	55 gal	53-G 758	L-106	1
Liquid	1000 L	264 gal	53-G 759	L-106	1



Benefits

- ▷ Less chemical required per cleaning
- ▷ Lasts longer
- ▷ Saves money
- ▷ Lowers energy costs

Features

- ▷ Highly concentrated - dilutable up to 1:200
- ▷ Phosphate-free, VOC-Free
- ▷ Biodegradable
- ▷ Built-in corrosion inhibitors

Corrosion Inhibitor

For STAR and UNO family of aqueous cleaners

For STAR and UNO family of aqueous cleaners. It provides additional corrosion protection. Is concentrated, 100% active ingredients and is foamless.

Applications

- ▷ Use with any UNO Cleaning Solution
- ▷ Add to cleaning solution and/or rinsing water



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 001	L-56	1
Liquid	20 L	5.2 gal	53-G 927	L-56	1
Liquid	208 L	55 gal	53-G 928	L-56	1



Features

- ▷ Non-flammable. Not hazardous under WHMIS 2015
- ▷ Solvent, phosphate and butyl-free. Biodegradable
- ▷ Protects steel parts and equipment from flash-rust

Defoamer additive

For STAR and UNO family of aqueous cleaners

For STAR and UNO family of aqueous cleaners/ Quick and permanent foam dissipation/ silicone-free/ Concentrated, very economical.



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 002	L-57	1
Liquid	20 L	5.2 gal	53-G 937	L-57	1



Features

- ▷ Silicone-free
- ▷ Eliminates all foaming with water-based products

Titration Kit

For use with STAR and UNO family of products

High concentration cleaning solutions such as the STAR™ and UNO™ family can be diluted with water to alter the cleaning strength of the product. With the titration kit, you can easily determine the exact level of concentration of your solution to maintain a high level of cleaning productivity.

Applications

- ▷ For use with automated mechanical cleaning systems
- ▷ For immersion tank

Order no.	(M)SDS	Std Pkg
53-L 160	L-145 L-144	1



Proportioning system

Offers a complete system for dispensing Bio-Circle® bulk aqueous cleaners. It will automatically dilute the solution and fill spray bottles, buckets and other containers.

Order no.	Std Pkg
53-L 162	1

Features

- ▷ 2 high flow (bucket feed)
- ▷ 2 low flow (bottle feed)
- ▷ Push button activated
- ▷ Metering tips from 350:1 to 3.5:1 at 3.5 GPM



STAINLESS STEEL CLEANING

E-NOX CLEAN™

Heavy-duty stainless steel cleaner/brightener

E-NOX CLEAN™ is a highly concentrated gel formulation cleaner that removes tarnish, rust, and mineral deposits and brightens surfaces. Outperforms abrasives while saving time and energy.

NSF category A3, registration #142614

Applications

- ▷ Brightening stained & exposed finishes
- ▷ Cleaning of food and pharmaceutical equipment



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Gel, trigger sprayer	500 ml	16.9 fl.oz.	53-G 303	L-59	12
Liquid	3.78 L	1 gal	53-G 305	L-59	1
Liquid	20 L	5.2 gal	53-G 307	L-59	1
Liquid	208 L	55 gal	53-G 308	L-59	1



Benefits

- ▷ Fast acting
- ▷ Clean, precise application minimizes dripping
- ▷ Improves efficiency

Features

- ▷ Nonflammable, solvent-free, VOC-free
- ▷ Safe for use on aluminum, chrome, and other nonferrous metals
- ▷ Free of nitric and hydrochloric acid
- ▷ Gel sticks to vertical surfaces

E-NOX SHINE™

Stainless steel cleaner/protector

E-NOX SHINE™ is a surface cleaner designed to remove light contaminants such as dust, light oils, and fingerprints prior to shipping. Creates a thin, invisible protective film to preserve the quality of your work until it reaches its final destination.

NSF category P1, registration #131393

Applications

- ▷ Removing oil, carbon, light dirt, and fingerprints
- ▷ Brightening and protecting indoor finishes



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 403	L-102	12
Liquid	3.78 L	1 gal	53-G 405	L-102	1
Liquid	20 L	5.2 gal	53-G 407	L-102	1
Liquid	208 L	55 gal	53-G 408	L-102	1



Benefits

- ▷ Gives finished work a polished, flawless look

Features

- ▷ Nonflammable, solvent-free, silicone-free, phosphate-free
- ▷ Uniform finish, no streaking
- ▷ NSF Registered
- ▷ Ready to use

RUST REMOVAL AND BRIGHTENING

BIO-RUST™

Non-corrosive rust remover

BIO-RUST™ is a neutral-pH solution that safely eliminates rust on all ferrous alloys. **NSF category A2, registration #146173**

Applications

- ▷ Removal of rust and other metallic particles
- ▷ We recommend degreasing parts before using BIO-RUST™.



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 247	L-134	1
Liquid	208 L	55 gal	53-G 248	L-134	1

ACCESSORIES

	Order no.
Chrome plated drum pump	53-L 116
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2" NPT	53-L 209



Benefits

- ▷ Reduces scrap rate
- ▷ Requires less time and effort than abrasives
- ▷ Safe to handle and store

Features

- ▷ Removes rust without attacking surface material
- ▷ Neutral range pH, non-caustic and biodegradable
- ▷ Nonflammable, solvent-free, phosphate-free, VOC-free
- ▷ Non hazardous—OSHA and WHMIS compliant

POWER CLEANER 100™

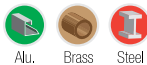
High strength acidic cleaner/brightener

POWER CLEANER 100™ is a highly concentrated cleaner/brightener that quickly breaks down rust, dissolves limescale, eliminates mineral deposits, and brightens metallic surfaces.

NSF category A3, registration #141944

Applications

- ▷ Removing rust, limescale, and mineral deposits on sheet metal, metallic structures, heating coils, pumps, heat exchanger plates, and storage tanks
- ▷ Brightening metallic surfaces



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 253	L-23	12
Liquid	3.78 L	1 gal	53-G 255	L-23	1
Liquid	20 L	5.2 gal	53-G 257	L-23	1

ACCESSORIES

	Order no.
Spout for 20L square plastic pail	53-L 207
Empty refillable trigger sprayer for POWER CLEANER 100	53-L 309



Benefits

- ▷ Fast acting
- ▷ Easier and more efficient than manual rust removal
- ▷ No need to salvage rusted parts or equipment

Features

- ▷ Nonflammable, solvent-free, VOC-free, biodegradable surfactants
- ▷ Does not contain nitric, hydrofluoric or hydrochloric acid
- ▷ Fully restores dull or tarnished metal surfaces
- ▷ Can be diluted up to 1:40 with water

PAINT, INK, GLUE AND ADHESIVE CLEANING

GS 200™

Natural high strength solvent



Made from bio-renewable extracts, GS 200™ is a powerful, 100% concentrated solvent that removes hard-to-clean contaminants. Its Nature Boost™ formula quickly and easily removes paint, ink, adhesives, anti-corrosion waxes, resins, and tar.

NSF category K3, registration #146172

Applications

- ▷ CleanBox® immersion baths
- ▷ Pre-treatment with bioremediating parts washing fluids



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 oz.	53-G 623	L-149	12
Liquid	3.78 L	1 gal	53-G 625	L-149	1
Liquid	20 L	5.2 gal	53-G 627	L-149	1
Liquid	208 L	55 gal	53-G 628	L-149	1



Benefits

- ▷ Creates a safer, more pleasant work environment
- ▷ Safer to handle than toxic and volatile solvents
- ▷ Improves sustainability
- ▷ Reduces workplace liability

Features

- ▷ Formulated with natural and bio-renewable ingredients
- ▷ Test before use on rubber
- ▷ Non-corrosive
- ▷ High-strength formulation—fast acting, very effective

SC 400™

High strength citrus cleaner/degreaser

High strength citrus cleaner/degreaser. Formulated with citrus peel extracts, SC 400™ is a heavy duty, powerful, fast-acting alternative to petroleum-based solvent cleaners. Easily removes adhesives, glues, sealants, rubber residues, tar, paint, ink, pen marks, grease, lubricants, and oils.

Applications

- ▷ Cleaning machine parts, tools, pumps, gears
- ▷ Not for use on plastics, rubber, and other solvent-sensitive materials



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 513	L-68	12
Liquid	3.78 L	1 gal	53-G 516	L-68	1
Liquid	20 L	5.2 gal	53-G 517	L-68	1
Liquid	200 L	52.8 gal	53-G 518	L-68	1



Benefits

- ▷ Cuts through contaminants quickly and effectively
- ▷ Slow drying formula covers larger surface areas
- ▷ Safer than more flammable alternatives

Features

- ▷ Formulated with 100% natural and renewable ingredients
- ▷ Low residue, slow drying
- ▷ High flashpoint 113F (45°C)
- ▷ Biodegradable

ACCESSORIES

	Order no.
Industrial Pump Sprayer for SC 400	53-L 120
Spout for 200L metal drum 3/4" NPT	53-L 208
Empty refillable trigger sprayer for SC 400	53-L 313
Bio-Circle Air Drying Gun	55-B 085

PRE-PRIMING PRE-SHIPING

FT 100™

NEW

Fast-drying cleaning agent for removing light oils
 FT 100™ is a surfactant-free, fast-drying cleaning agent that removes light oil pollution, dust, fingerprints, felt pen, and pencil residues from lacquered surfaces, plastics, glass, mirrors, metals, and all highly polished glossy surfaces.

NSF category A1, registration #154672

Applications

- ▷ Final step before any treatment in process (painting, varnish, sealing, gluing, coating, etc.)
- ▷ Final step before showcasing a final product



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 183	L-167	12
Liquid	20 L	5.2 gal	53-G 187	L-167	1
Liquid	208 L	55 gal	53-G 188	L-167	1



Benefits

- ▷ Leaves no residue, streaks, or stains
- ▷ Ready to use

Features

- ▷ One product for multiple processes and surfaces
- ▷ Fast acting, fast drying
- ▷ VOC compliant (per CARB 310)

FT 200™

Surface preparation cleaner

FT 200™ prepares metallic surfaces for painting, priming, coating, bonding, corrosion protection, metalizing, welding, and a variety of other processes. Evaporates after it's wiped off surfaces. Lasts 7x longer than traditional fast-evaporating surface preparation solvents such as acetone. **NSF category A1, registration #142612**

Applications

- ▷ Preparing metallic surfaces prior to coating
- ▷ Removal of light contaminants such as processing oils, anti-corrosion oils, and light waxes



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid, trigger sprayer	500 ml	16.9 oz.	53-G 173	L-128	12
Liquid	20 L	5.2 gal	53-G 177	L-128	1
Liquid	208 L	55 gal	53-G 178	L-128	1



Benefits

- ▷ Increased surface coverage
- ▷ Improves adhesion quality in coating applications
- ▷ A safer alternative to traditional solvents

Features

- ▷ Phosphate free and biodegradable
- ▷ Low VOC (7% content), slow evaporation rate, and minimal odor
- ▷ High flash point
- ▷ Residue-free after wiping

CLEANING, LUBRICATING AND TEMPORARY PROTECTION

OMNI™

Cleaner/Lubricant/Protector

Multifunctional maintenance cleaner/lubricant/protector. Excellent penetrating and lubricating capability. Protects surfaces from oxidation. **NSF category A8, registration #142610**

Applications

- ▷ Dissolving light rust and graphite
- ▷ Loosening rusted and seized hardware

Benefits

- ▷ Cleans, penetrates, lubricates, and protects in one easy step
- ▷ Versatile—can be used for multiple maintenance applications
- ▷ Reduces rework
- ▷ Creates a safer, healthier work environment

Features

- ▷ Nonflammable, silicone-free, Teflon-free, VOC-free, and CARB compliant
- ▷ High flash point 266F (130°C)
- ▷ Dielectric strength 230 Volts/Mil, dielectric breakdown voltage 23 000 Volts as per ASTM D877-02 (2007), procedure A
- ▷ Pleasant scent—no harsh fumes or vapors



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	480 ml	16.2 fl.oz.	53-X 002	L-73	12
Trigger sprayer	500 ml	16.9 oz.	53-X 003	L-74	12
Liquid	3.78 L	1 gal	53-X 005	L-74	1
Liquid	20 L	5.2 gal	53-X 007	L-74	1
Liquid	208 L	55 gal	53-X 008	L-74	1
Liquid	1000 L	264.6 gal	53-X 009	L-74	1

ACCESSORIES

	Order no.
Industrial Pump Sprayer for OMNI.	53-L 120
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2" NPT	53-L 209
Empty refillable trigger sprayer for OMNI	53-L 314
Bio-Circle Microfiber / Pack of 10	57-M 001



AIR FORCE AF-OMNI™

AF-OMNI is a system with a base unit that automatically dispenses AF-OMNI liquid and compressed air into refillable spray cans. Save money by buying in bulk and reduce costs associated with the disposal of aerosol cans, all while reducing your environmental impact.



Benefits

- ▷ Eliminates aerosol disposal costs
- ▷ Reduces environmental impact
- ▷ Improves sustainability

*No more disposing
of hazardous
aerosol cans*



AIR FORCE AF-OMNI™ START-UP PACKAGES

Air Force AF-OMNI™ 20 L / 5.3 GAL.

The start-up package includes:

- ▷ Use of Air Force OMNI station
- ▷ 1 x 53-X 007 OMNI 20 L / 5.3 gal
- ▷ 1 x 53-M 058 pail adaptor
- ▷ 6 x 53-M 132 refillable bottles
- ▷ 6 x 53-M 054 variable spray valves

Order no.: 53-M 012AFOBB



Air Force AF-OMNI™ 208 L / 55 GAL.

The start-up package includes:

- ▷ Use of Air Force OMNI station
- ▷ 1 x 53-X 008 OMNI 208 L / 55 gal
- ▷ 1 x 53-M 038 drum adaptor
- ▷ 1 x 53-M 025 safety valve
- ▷ 6 x 53-M 132 refillable bottles
- ▷ 6 x 53-M 054 variable spray valves

Order no.: 53-M 012AFOD



AF-OMNI™ Refillable sprayer

Durable and light weight aluminum OMNI sprayer comes with an OMNI specific label to clearly identify the contents and ensure full workplace compliance.

Fill capacity: 400 ml / 13.5 oz

Operating pressure: 90 - 125 psi

Order no.: **53-M 132** (sold in package of 2)



Optional nozzles	Order no.
Wide spray	53-M 022
Long extension tube	53-M 052
Short extension tube	53-M 053
Variable spray	53-M 054
Accessories	Order no.
Air refilling station	53-M 010
Air nozzle	53-M 015
Replacement valve kit (includes 2 valves and 2 spray tips)	53-M 030
Brass screw cap	53-M 037
Replacement filling valve	53-M 039
Pail adaptor	53-M 041
Drum adaptor	53-M 038
Safety valve	53-M 025



53-M 010

AUTOMATIC DISPENSING SYSTEM

AMPS 1000™

Automatic mist pressure sprayer

AMPS 1000™ is a liquid delivery system that propels a constant stream of mist straight from the container. Adjustable mist pattern allows for minimal use of liquid and reduces waste. Hose length (25 ft.) allows easy spraying of large surfaces and intricate spaces.

Applications

- ▷ Cleaning stainless steel equipment in food industry
- ▷ Cleaning heavy equipment and fleet vehicles

Benefits

- ▷ Easy to use
- ▷ Minimizes waste

Features

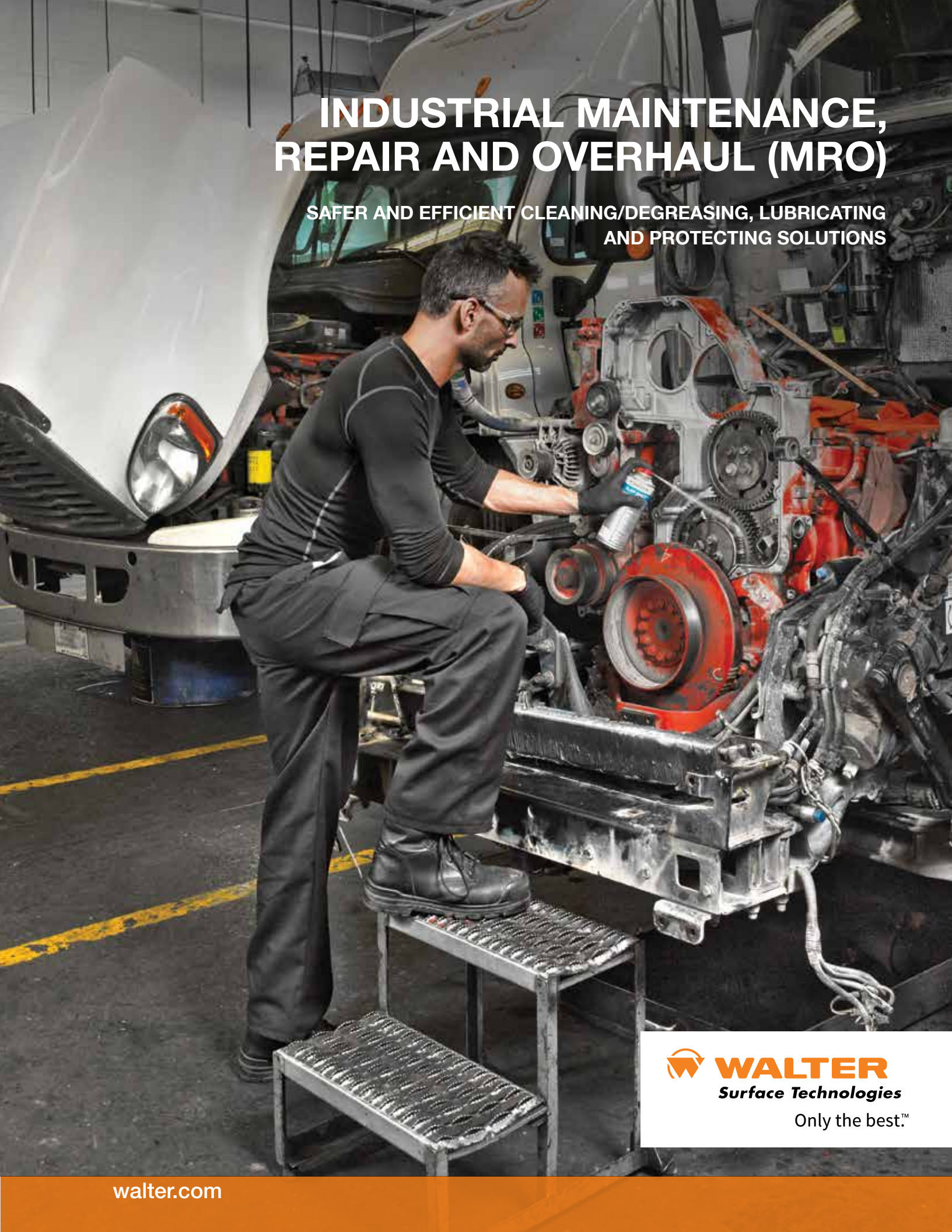
- ▷ Low consumption of highly diluted solution
- ▷ Adjustable mist pattern
- ▷ Long hose

Order no.	Std Pkg
57-D 150	1



INDUSTRIAL MAINTENANCE, REPAIR AND OVERHAUL (MRO)

SAFER AND EFFICIENT CLEANING/DEGREASING, LUBRICATING
AND PROTECTING SOLUTIONS



WALTER
Surface Technologies

Only the best.™

WALTER SURFACE TECHNOLOGIES OFFERS A FULL RANGE OF EFFICIENT AND SAFE SOLUTIONS FOR CLEANING, DEGREASING, LUBRICATING AND PROTECTING PARTS AND SURFACES.



CLEANING AND DEGREASING

INDUSTRIAL LUBRICANT

CORROSION PROTECTION

At Walter Surface Technologies, our mission is to contribute to our customers' success by helping them work better. Walter's line of industrial Maintenance, Repair and Overhaul (MRO) solutions does just that.

From non-hazardous cleaning products to built-in safety features, Walter has the industry-leading solutions you need. We're here to serve the best interests of your company, your employees and the environment, whether you're cleaning, lubricating, or protecting brakes, cylinders, hinges, pulleys, threads and more. Our line of industrial MRO solutions are made to tackle the toughest greases, oils, and grimes, while our lubricants reduce tool wear and improve production rate. And you can count on Walter's corrosion protection line of products to fully protect the products you expose to the harsh environment.

BIO-CIRCLE IS A DIVISION OF WALTER SURFACE TECHNOLOGIES



WALTER Technologies pour surfaces

AF-PL™ No.: 53-M 101

Solvent based cleaner and degreaser
Safe on plastics

AF-PL effectively cuts through and removes grease, oil and dirt. Fast drying without residue, safe on nitrile, epoxy LDPE, polycarbonate, polypropylene, PVC, PTFE and silicone. Does not contain chlorinated solvents.

Nettoyant et dégraissant à base de solvant
Compatible avec les plastiques

AF-PL dissout et enlève efficacement graisses, huiles et saletés. Sèche rapidement sans résidu, sécuritaire avec nitrile, époxy, LDPE, polycarbonate, polypropylène, PVC, PTFE et silicone. Ne contient pas de solvant chloré.

Limpiador y desengrasante a base de solvente
Seguro en plásticos

Limpia y remueve efectivamente grasas, aceites, suciedad. Secado rápido sin dejar residuos. Seguro en todo tipo de resinas de hule, ABS, PVC, epóxicos, PE, PC, PP, PTFE y siliconas. No contiene solventes clorados.

Air Force.

400 ml
(13.5 fl oz)



Air Force PL

Automatic cleaning system
Système de nettoyage automatique

WALTER

WALTER **AF-PL**

TECHNICAL INFO
TOLL-FREE USA
866-592-5837

AIR & LIQUID / AIR ET LIQUIDE

AIR ONLY / AIR SEULE

TECHNICAL INFO
TOLL-FREE USA
866-592-5837

FAST EVAPORATING CLEANING AND DEGREASING

AF-PL™ is a system with a base unit that automatically dispenses AF-PL™ liquid cleaner and compressed air into refillable spray cans. Save money by buying your cleaner in bulk and reduce costs associated with the disposal of aerosol cans, all while reducing your environmental impact.



Air Force AF-PL™

Plastic-safe, fast-evaporating parts degreaser
AF-PL™ is a residue-free, fast-evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime safely and effectively. Specially formulated for maximum compatibility with plastics and rubber-like compounds. Bulk packaging provides great cost-effectiveness.



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-C 557	L-65	1
Liquid	200 L	52.8 gal	53-C 558	L-65	1

ACCESSORIES **Order no.**
Industrial Pump Sprayer for SC 400, GS 200, CB 100, AF- 53-L 120
PL, FT 200 and OMNI.

Spout for 200L metal drum 3/4" NPT 53-L 208

Applications

- ▷ Cleaning metal parts in presence of plastic or gaskets
- ▷ Removal of grease and oil

Benefits

- ▷ Eliminates aerosol disposal costs
- ▷ Reduces environmental impact
- ▷ Improves sustainability

Features

- ▷ Cost-effective brake cleaner alternative
- ▷ Safe for most plastics and rubber compounds
- ▷ Non-chlorinated solvents penetrate and displace moisture
- ▷ Evaporates fast—no residues, no rinsing

AIR FORCE AF-PL START-UP PACKAGES

Air Force AF-PL™ 20 L / 5.3 GAL.

The start-up package includes:

- ▷ Use of Air Force AF PL station
- ▷ 1 x 53-C 557 AF-PL 20 L / 5.3 gal pail
- ▷ 1 x 53-M 041 pail adaptor
- ▷ 6 x 53-M 101 refillable bottle
- ▷ 6 x 53-M 054 variable spray valve

Order no.: 53-M 012AFPLP



Air Force AF-PL™ 200 L / 52.8 GAL.

The start-up package includes:

- ▷ Use of Air Force AF PL station
- ▷ 1 x 53-C 558 AF-PL 200 L / 52.8 gal drum
- ▷ 1 x 53-M 038 drum adaptor
- ▷ 1 x 53-M 025 safety valve
- ▷ 6 x 53-M 101 refillable bottle
- ▷ 6 x 53-M 054 variable spray valve

Order no.: 53-M 012AFPLD



AF-PL™ Refillable sprayer

Durable and light weight aluminum AF-PL sprayer comes with an AF-PL specific label to clearly identify the contents and ensure full WHMIS and OSHA compliance.

Fill capacity: 400 ml / 13.5 oz

Operating pressure: 90 - 125 psi

Order no. 53-M 101 (sold in package of 2)



Optional nozzles	Order no.
Wide spray	53-M 022
Long extension tube	53-M 052
Short extension tube	53-M 053
Variable spray	53-M 054
Accessories	Order no.
Air refilling station	53-M 010
Air nozzle	53-M 015
Replacement valve kit (includes 2 valves and 2 spray tips)	53-M 030
Brass screw cap	53-M 037
Replacement filling valve	53-M 039
Pail adaptor	53-M 041
Drum adaptor	53-M 038
Safety valve	53-M 025



No more disposing
of hazardous
aerosol cans



53-M 010

FAST EVAPORATING CLEANING AND DEGREASING

SLAP SHOT™

Fast evaporating parts cleaner/degreaser

SLAP SHOT™ is a highly effective, residue-free, fast evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime on contact. **NSF category K1, registration #154299 (Aerosol) #154300 (Liquid)**

Applications

- ▷ Cleaning and degreasing for maintenance and repair
- ▷ Preparing surfaces for painting or relubrication



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	500 ml	16.9 fl.oz.	53-C 502	L-39	12
Liquid, trigger sprayer	500 ml	16.9 fl.oz.	53-C 503	L-40	12
Liquid	5 L	1.3 gal	53-C 506	L-40	1
Liquid	20 L	5.2 gal	53-C 507	L-40	1
Liquid	200 L	52.8 gal	53-C 508	L-40	1

ACCESSORIES

	Order no.
Spout for 200L metal drum 3/4" NPT	53-L 208
Refillable trigger sprayer bottles	53-L 311

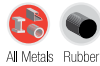
SLAP SHOT™ PL

Fast evaporating parts cleaner/degreaser

SLAP SHOT™ PL is a highly effective, residue-free, fast evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime on contact. Specially formulated for maximum compatibility with plastics and rubber-like compounds.

Applications

- ▷ Cleaning metal parts in presence of plastic or gaskets
- ▷ Removal of grease and oil



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 fl.oz.	53-C 552	L-64	12



Benefits

- ▷ Fast acting—dissolves stubborn contaminants quickly and completely
- ▷ No residues, no rinsing

Features

- ▷ Multipurpose
- ▷ Safe on all metals
- ▷ Free of chlorinated solvent
- ▷ Strong aerosol jet



Benefits

- ▷ Fast acting—dissolves stubborn contaminants quickly and completely
- ▷ No residues, no rinsing

Features

- ▷ Multipurpose
- ▷ Safe on all metals and most plastics and rubber compounds
- ▷ Free of chlorinated solvents
- ▷ Strong aerosol jet

ELECTRONIC CONTACT CLEANING

CONTACT CLEAN™

NEW

Nonflammable electronics and electrical equipment cleaner

Contact Clean™ removes grease, oil, and contaminants from sensitive electronics and electrical equipment to prevent contact failure. Fast-evaporating formula dries residue-free in seconds. Safe to use on most plastics.

NSF category K2, registration #154540



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	340 g.	12 oz.	53-C 712	L-165	12

Applications

- ▷ Removing contaminants from electrical parts
- ▷ Instrument and equipment junction cleaning (PLCs, printed circuit boards, vehicle fuse boxes)

Benefits

- ▷ Fast acting—dissolves stubborn contaminants quickly and completely
- ▷ Fast evaporating
- ▷ No residues, no rinsing

Features

- ▷ Safely cleans most plastics and rubber compounds
- ▷ Strong aerosol jet, even when used upside down
- ▷ Nonconductive
- ▷ VOC compliant (per CARB 310)



FOOD GRADE LUBRICANTS

FOOD ZONE™

Food grade general purpose lubricant

FOOD ZONE™ is a multipurpose lubricant and penetrating oil developed for food industry manufacturing plants. Extends equipment life by protecting against friction, wear, and corrosion.

NSF category H1, registration #148372

Applications

- ▷ Lubrication and temporary corrosion protection of food and beverage processing equipment
- ▷ Loosening of rust, scale, grime, and corrosion



All Metals

Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 602	L-153	12



Benefits

- ▷ Lubricates and protects
- ▷ Displaces moisture and water
- ▷ Loosens rusted parts

Features

- ▷ Nonflammable CO₂ propellant
- ▷ Fast-penetrating oil leaves a thin protective film
- ▷ Multipurpose

FOOD ZONE™ V

Heavy-duty food grade lubricant

FOOD ZONE™ V is an industrial-strength lubricant designed for heavy-duty applications and chain lubrication in food-manufacturing facilities. Foamy, non-drying formula adheres to surfaces and reduces friction, wear, and corrosion in heavy-loaded machinery. **NSF category H1, registration #148374**

Applications

- ▷ Lubrication of chains and conveyor systems
- ▷ Lubrication of moving parts in heavy-loaded industrial machinery



Plastic

Rubber

All Metals

Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 652	L-154	12



Benefits

- ▷ Easy to apply
- ▷ Maximum adherence
- ▷ Protects against wear and corrosion

Features

- ▷ Heavy-duty, high-grade formula with PTFE additives
- ▷ Thick, non-drying, water-resistant film
- ▷ Ideal for vertical or overhanging surfaces

INDUSTRIAL LUBRICANTS

POLY-LUBE™

Industrial multipurpose lubricant

POLY-LUBE™ is a high-grade, multipurpose industrial lubricant. Ideal for general MRO applications.

NSF category H2, registration #147194

Applications

- ▷ Lubrication of metal parts, bits, dies, fasteners, bearings, valves, slides, tracks, pulleys, production equipment, and parts in storage
- ▷ Numerous applications for maintenance, repair, and industrial purposes



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	370 ml	12.5 oz.	53-D 402	L-150	12

DRY PRO™

Dry PTFE Lubricant

DRY PRO™ is a multi-purpose, dry film lubricant. For clean, lightweight lubrication and protection. Ideal for preventing friction and wear in sliding parts and lightly loaded equipment. DRY PRO™ is an ideal lubricant for machinery kept in areas that commonly become dusty or are difficult to keep clean.

Applications

- ▷ Lubrication of locking and sliding mechanisms—locks, chains, doors, and windows tracks
- ▷ Lubrication and protection where oils and greases cannot be used



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 502	L-151	12



Benefits

- ▷ Penetrates and displaces moisture
- ▷ Leaves an oily film. Increases lubricity. Reduces friction and wear.
- ▷ Provides temporary corrosion protection

Features

- ▷ High grade formula with PTFE additives
- ▷ 360° flip valve
- ▷ High flash point—76°C (168° F)



Benefits

- ▷ Easy to apply on difficult-to-reach equipment and vertical surfaces
- ▷ Safe for all materials—metal, wood, plastics, and glass
- ▷ Repels dust and dirt

Features

- ▷ Contains PTFE additives for enhanced lubricity
- ▷ No silicone or chlorinated solvents
- ▷ Produces a thin, dry, no-drip, quick-drying film
- ▷ Resistant to high temperatures

OPEN GEAR™

High-load drive lubricant

OPEN GEAR™ is an adherent, long-lasting, high-load gear grease that prevents metal-to-metal contact. Increases efficiency and service life of drives and gears—even in harsh environments.

Applications

- ▷ All types of heavy-duty chains, drives, and gears
- ▷ Open gear



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-E 102	L-16	12



Benefits

- ▷ Excellent lubrication under tremendous load and in harsh environments
- ▷ Won't fly off gears
- ▷ Extends machine life
- ▷ Minimizes downtime

Features

- ▷ Contains moly and EP additives for high-load lubrication
- ▷ Highly adhesive
- ▷ Water- and dirt-resistant
- ▷ Resists loads up to 90 000 lbs/in²

CHAIN GANG™

High load chain lubricant

CHAIN GANG™ is a high-performance synthetic lubricant that lasts longer than traditional lubricants. Effectively penetrates fine pins and bushings to seal out dust, dirt, water, and other contaminants. Provides excellent protection and enhances the life of any machinery that uses chains or wire cables.

Applications

- ▷ All types of chain drives, O-ring chains, and wire rope
- ▷ Machinery (especially forklifts)



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 102	L-05	12



Benefits

- ▷ Reduces costly downtime due to seized chains, pin breakage, and premature wear
- ▷ Stays cleaner and lasts longer than hot grease dips
- ▷ Requires fewer applications than other lubricants
- ▷ Prolongs chain life

Features

- ▷ Contains microscopic moly particles for excellent lubricity
- ▷ Penetrates fine clearances
- ▷ Water-resistant and dust-resistant
- ▷ Repels dirt particles

HANG-ON™

Adhesive lubricant

HANG-ON™ is a highly adhesive maintenance lubricant that provides effective, long-lasting lubrication under harsh conditions and over extended periods of time.

Applications

- ▷ Forklift truck chains, locking pins, snowplows, hinges, etc.
- ▷ Differentials in coupling units



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 812	L-33	12
Liquid	20 L	5.2 gal	53-D 817	L-45	1

ACCESSORIES

Refillable trigger sprayer bottles

Order no.
53-L 331



Benefits

- ▷ Outperforms and lasts longer than all-purpose and standard thin-film lubricants
- ▷ Resists exposure to weather, salt water, mild chemicals, high loads, and temperatures up to 200 °C (390 °F)
- ▷ Doesn't drip or stain vertical surfaces
- ▷ Efficient, long-lasting action reduces downtimes and maintenance frequencies

Features

- ▷ Silicone-free chlorinated solvent
- ▷ Adheres extremely well to surfaces
- ▷ Penetrates fine clearances
- ▷ Displaces water and moisture

BOLT-OUT™

Penetrating Lubricant

BOLT-OUT™ is a heavy-duty, non-chlorinated liquid solution that penetrates and lubricates to efficiently free seized parts while inhibiting further rust. Works well in a wide range of temperatures.

Applications

- ▷ Loosening seized bolts, nuts, studs, and pins
- ▷ Disassembly of seized bolts, nuts, mechanisms, pins, bushings, etc.



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 892	L-08	12
Liquid, trigger sprayer	500 ml	16.9 fl.oz.	53-D 893	L-26	12
Liquid	20 L	5.2 gal	53-D 897	L-26	1

ACCESSORIES

Refillable trigger sprayer bottles

Order no.
53-L 332



Benefits

- ▷ Enables faster, easier disassembly
- ▷ Prevents/protects against further corrosion

Features

- ▷ Nonflammable, silicone-free, no chlorinated solvents
- ▷ Contains microscopic moly particles for excellent lubricity
- ▷ Displaces moisture
- ▷ Effective from -20 °C to 250 °C (-4 °F to 482 °F)



ROCK'N ROLL™

Ceramic anti-seize lubricant

ROCK'N ROLL™ is an inert, nontoxic, metal-free white lubricant that prevents seizing of assemblies. Provides long-term protection against corrosion. Highly effective in a wide range of temperatures (-30C or -22°F to 1400C or 2500°F) and in extreme conditions.

Applications

- ▷ Lubrication of all threaded components, bushings, and press fits
- ▷ Lubrication of highly stressed bearings



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 852	L-43	12
Paste/Brush	300 g	10.6 oz.	53-D 854	L-44	12

Benefits

- ▷ Makes disassembly easy and efficient
- ▷ Provides long-term corrosion protection
- ▷ No galling or seizing
- ▷ Safe for food industry applications

Features

- ▷ Inert ingredients
- ▷ Non-carbonizing
- ▷ Nonhazardous
- ▷ (Paste) highly resistant to water, seawater, benzene, and most acids and alkalis

CUTTING FLUIDS

COOLCUT™

Metal cutting lubricant

Coolcut™ is a ready-to-use, high-performance metal cutting lubricant that stands up to pressure and heat to reduce tool wear and prevent tool breakage.

Applications

- ▷ Machining operations
- ▷ Drilling



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	312 g	11 oz.	53-B 002	L-01	12
Trigger sprayer	500 ml	16.9 oz.	53-B 004	L-09	12
Paste	200 g	7 oz.	53-B 023	L-52	12
Solid Stick	300 g	10.5 oz.	53-B 013	L-22	12
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-B 003	L-09	12
Liquid	3.78 L	1 gal	53-B 005	L-09	1
Liquid	20 L	5.2 gal	53-B 007	L-09	1
Liquid	208 L	55 gal	53-B 008	L-09	1

ACCESSORIES

	Order no.
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2" NPT	53-L 209
Spout for 208L plastic drum 3/4" NPT	53-L 210



Benefits

- ▷ Reduces friction and heat
- ▷ Extends cutting tool life
- ▷ Improves finish
- ▷ Increases productivity

Features

- ▷ Contains extreme pressure additives (EP)
- ▷ Suitable for all ferrous and non-ferrous metals
- ▷ Nontoxic, biodegradable
- ▷ Free of solvents and chlorinated ingredients



COOLCUT S-30™

Water-miscible cutting lubricant

Coolcut S-30™ is a ready-to-use, high-performance metal cutting lubricant specially designed for automatic and semi-automatic metal removing operations.

Applications

- ▷ Drilling
- ▷ Milling

Benefits

- ▷ Will not gum up slides and glides
- ▷ Increases feed, speed, and production
- ▷ Prevents bacterial growth when not in use
- ▷ Reduces friction and heat



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 005	L-119	1
Liquid	20 L	5.2 gal	53-C 007	L-119	1
Liquid	208 L	55 gal	53-C 008	L-119	1

ACCESSORIES

	Order no.
SB-30 System booster	53-C 011
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2" NPT	53-L 209

COOLCUT S-50™

Water-miscible cutting lubricant for high-pressure applications

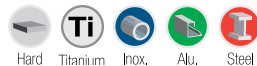
Coolcut S-50™ is a ready-to-use, high-performance metal cutting lubricant specially designed for automatic and semi-automatic metal removing operations, even in severe machining processes and high-pressure conditions. Ideal for hard-to-machine materials.

Applications

- ▷ Drilling
- ▷ Milling

Benefits

- ▷ Increases feed, speed and production
- ▷ Extends cutting tool life



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 025	L-109	1
Liquid	20 L	5.2 gal	53-C 027	L-109	1
Liquid	208 L	55 gal	53-C 028	L-109	1



Features

- ▷ Formulated with extended corrosion protection
- ▷ Stable emulsion
- ▷ Contains extreme pressure additives (EP), bacterial control ingredients, and no chlorine
- ▷ Can be diluted up to 1:30



Features

- ▷ Contains extreme pressure additives (EP)
- ▷ Formulated with extended corrosion protection
- ▷ Bactericide-free
- ▷ Can be diluted up to 1:30

ALUCUT™

Solid stick aluminum cutting lubricant

Alucut™ is a high-performance lubricant that extends cutting tool life. Specially formulated for use with aluminum and other non-ferrous metals.

Applications

- ▷ Cutting with circular chop saws
- ▷ Drilling

Benefits

- ▷ Reduces scoring and chatter marks
- ▷ Improves finish
- ▷ Increases productivity
- ▷ Minimizes waste



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Solid Stick	300 g	10.5 oz.	53-B 303	L-04	12



Features

- ▷ Solid stick
- ▷ Clean, precise, stain-free application
- ▷ Coats cutting edge or workpiece
- ▷ Ideal for inclined, vertical, and overhead surfaces

STAINLESSCUT™

Stainless steel cutting lubricant

STAINLESSCUT™ is a heavy-duty cutting lubricant designed for tough metal cutting operations. Formulated for stainless steel, alloys, and ferrous alloys.

Applications

- ▷ Machining operations
- ▷ Drilling

Benefits

- ▷ Washes off completely with water
- ▷ Easy clean-up
- ▷ Improves finish to prolong tool life



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	312 g	11 oz.	53-B 202	L-53	12
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-B 203	L-114	12
Liquid	3.78 L	1 gal	53-B 205	L-114	1



Features

- ▷ Contains extreme pressure additives (EP)
- ▷ Solvent-free, sulfur-free, and chlorine-free
- ▷ High lubricity and cooling properties
- ▷ Non-toxic, biodegradable

ICECUT™

Ready-to-use coolant/lubricant

ICECUT™ is a ready-to-use coolant/lubricant specially formulated for use with magnetic drilling units to reduce tool wear and improve production rates.

Applications

- ▷ Drilling with annular cutters, carbide core cutters, and drill bits



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 055	L-122	1
Liquid	20 L	5.2 gal	53-C 057	L-122	1

ACCESSORIES

Spout for 20L square plastic pail

Order no.
53-L 207



Benefits

- ▷ Reduces friction and heat
- ▷ Extends cutting tool life
- ▷ Increases productivity
- ▷ Improves finish

Features

- ▷ Nitrate-free, amine-free, boron-free, phenol-free and active sulfur-free

TAPCUT™

Thread Cutting Lubricant

TAPCUT™ lubricant is specially formulated for thread cutting with taps and dies.

Applications

- ▷ Hand tapping
- ▷ Machine tapping



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-A 103	L-115	12
Liquid	3.78 L	1 gal	53-A 105	L-115	1
Liquid	20 L	5.2 gal	53-A 107	L-115	1

ACCESSORIES

Spout for 20L square plastic pail

Order no.
53-L 207



Benefits

- ▷ Taps and dies cut faster and last longer
- ▷ Cleans up easily with water

Features

- ▷ Special antiwear additives for thread cutting
- ▷ Produces clean, accurate threads
- ▷ Nontoxic, biodegradable

CORROSION PROTECTION

SHIELD PRO™

Heavy-duty industrial corrosion protection
SHIELD PRO™ is an adherent, non-drying solution that coats metal parts to protect against corrosion. Ideal for indoor and outdoor storage.

NSF category H2, registration #147193



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	380 ml	12.8 oz.	53-H 252	L-152	12

Applications

- ▷ Corrosion protection of outdoor equipment and tools, overseas storage and shipments, cables, chains, pulleys, pump and hose assemblies, and more
- ▷ Suitable for all types of maintenance and repair applications

Benefits

- ▷ Long-term indoor and outdoor corrosion protection
- ▷ Withstands harsh conditions

Features

- ▷ Non-drying film
- ▷ Penetrates and displace moistures
- ▷ Salt water resistant
- ▷ 360° flip valve



ZINC 100™

Bright galvanizing spray

ZINC 100™ is a bright, long-lasting corrosion protection spray specially formulated for the touch-up and repair of hot galvanized parts.

Applications

- ▷ Food processing equipment
- ▷ Water and storage tanks



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 102	L-54	12



Benefits

- ▷ Effective, long-lasting corrosion protection
- ▷ Resists chemical and water attack
- ▷ Can be painted over

Features

- ▷ Zinc flakes permanently bond to metallic surfaces
- ▷ Bright metallic finish matches hot dipped look
- ▷ Fast drying
- ▷ Zinc-rich formula meets ASTM A780 standard

ZINC 200™

Cold galvanizing spray

ZINC 200™ is a high-performance, fast-drying corrosion protection spray specially formulated for ferrous metals. Provides the ultimate protection—even when surfaces get scratched.

Applications

- ▷ Marine equipment
- ▷ Weather-exposed parts



Description	Size		Order no.	(M)SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 152	L-95	12



Benefits

- ▷ Longest lasting corrosion protection in the marketplace
- ▷ Extremely effective when used as a primer
- ▷ Withstands harsh environmental conditions

Features

- ▷ Actively fights rust & corrosion
- ▷ Dual-action protection (resin coat and galvanic action)
- ▷ Meets ASTM A780
- ▷ Dull finish, dries to touch in 3-5 min.

ACCESSORIES



BIO-CIRCLE® INDUSTRIAL PARTS CLEANING SYSTEM ACCESSORIES

Parts washing basket

- ▷ 9" dia x 8 ¼" high
- ▷ 1/4" holes

Order no. 55-B 004



Filter cartridges

- ▷ Disposable 200 micron:
Order no. 55-B 021
- ▷ Disposable 100 micron:
Order no. 55-B 012
- ▷ Reusable 100 micron:
Order no. 55-B 036
- ▷ Reusable 150 micron:
Order no. 55-B 037
- ▷ Reusable 200 micron:
Order no. 55-B 038
- ▷ Reusable 350 micron:
Order no. 55-B 011



Bio-Circle® COMPACT S cart
Order no. 55-B 089

Angled flow-through brush

Order no. 55-B 007



Sink lid

- ▷ For MAXI:
Order no. 55-B 047



Disposable filter bags for Bio-Circle® machines

- ▷ 50 micron:
Order no. 55-B 041
- ▷ 100 micron:
Order no. 55-B 042
- ▷ 200 micron:
Order no. 55-B 043



Bio-Circle® COMPACT S filter bowl

Order no. 55-B 088



Replacement flow-through brush

Order no. 55-B 005



Filter housing spanner

- ▷ For MAXI:
Order no. 55-B 035



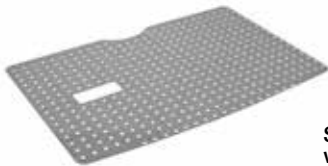
Bio-Circle® scraper

Order no. 55-B 063



Stainless steel sink insert

- ▷ For MAXI:
Order no. 55-B 048
- ▷ For Compact S:
Order no. 55-B 045



Small industrial parts washing basket

Order no. 55-B 087



Bio-Circle® parts drying gun

Order no. 55-B 085



Castors

- ▷ For MAXI:
Order no. 55-B 049



Stainless steel sink extension for Bio-Circle® MAXI

Order no. 55-B 046

The perfect extension for your Bio-Circle® MAXI industrial parts washer if you need to clean larger and heavier metal parts. This sink extension can be easily installed onto your Bio-Circle® MAXI parts washer, giving you added space and strength for those larger metal pieces.

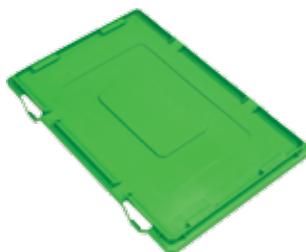
- ▷ Ideal for heavy and oversized parts
- ▷ Max. weight : 1000Lbs
- ▷ Overall dimensions (L x W x H): 151.9 cm x 104.6 cm x 115.6 cm (59.8" x 41.2" x 45.5")
- ▷ Max tank capacity 120 L (31.7 gal)

CLEANBOX® DIP AND CLEANBOX FLOW ACCESSORIES

CleanBox® Dip dolly
Order no. 55-B 083



CleanBox® lid
Order no. 55-B 122



CleanBox® Flow 2-level cart
Order no. 55-B 090



Wave breaker
Order no. 55-B 091

The wave breaker is a new optional piece that can be added to your CleanBox® Flow to prevent your cleaning solution from displacing while your unit is in motion.

BIO-CIRCLE® POWERCLOTH™

- ▷ Ideal for streak free clean-ups
- ▷ Non-abrasive, won't scratch mirror finish, paint or clear coat



REFILLABLE TRIGGER SPRAYERS

Practical and sturdy, all bottles are clearly identified with product specific labels showing product features, hazard information and directions for use. High-quality, resistant trigger for longest life. Transparent bottle allows you to see product level. Can be refilled hundreds of times.



Description	Qty	Order No.
Bag	10 per pack	57-M 001
Box	50 per pack	57-M 005
Case	100 per pack	57-M 010

Description	Size		Order No.	Std Pkg
	Metric	US Gal		
UNO S F	950 ml	32.1 oz	53-L 158	1
POWER CLEANER 100	500 ml	16.9 oz	53-L 309	1
SC 400	500 ml	16.9 oz	53-L 313	1
OMNI	500 ml	16.9 oz	53-L 314	1
UNO S	500 ml	16.9 oz	53-L 315	1
E-NOX SHINE	500 ml	16.9 oz	53-L 316	1
FT 200	500 ml	16.9 oz	53-L 322	1
UNO SV	500 ml	16.9 oz	53-L 336	1
E-NOX CLEAN	500 ml	16.9 oz	53-L 337	1
GS 200	500 ml	16.9 oz	53-L 341	1
SLAP SHOT	500 ml	16.9 oz	53-L 311	1
HANG-ON	500 ml	16.9 oz	53-L 331	1
BOLT-OUT	500 ml	16.9 oz	53-L 332	1
CB 100	500 ml	16.9 oz	53-L 342	1
CB 100 ALU	500 ml	16.9 oz	53-L 343	1
CB 100 LR	500 ml	16.9 oz	53-L 345	1
CB 100 ALU LR	500 ml	16.9 oz	53-L 346	1

INDUSTRIAL PUMP SPRAYERS

Rugged and convenient sprayers designed to effectively dispense a variety of Bio-Circle® cleaners and lubricants.

The spray pattern can easily be adjusted from a pin point jet for accurate product dispensing to a wide fan for fast surface coverage. Viton gaskets and corrosion-proof spring for optimal chemical resistance. These thick walled polyethylene bottles feature a wide neck for easy filling hundreds of times.



Description	Size		Order No.	Std Pkg
	Metric	US Gal		
For SC 400, GS 200, CB 100, AF-PL, FT 200				
OMNI	900 ml	30 oz	53-L 120	1

Accessories

Replacement Viton gasket set			53-L 100	1
Replacement spray nozzle (without gaskets)			53-L 104	1
Replacement swirl piece (without gaskets)			53-L 114	1

SPOUTS

Description	Order no.
Spout for 5 L / 1.3 gal plastic pail	53-L 113
Spout for 20 L / 5.3 gal square plastic pail	53-L 207
Spout for 20 L / 5.3 gal round metal pail	53-L 211 (plastic spout) and 53-L 208 (metal spout), 3/4" NPT
Spout for 208 L / 55 gal plastic drum	53-L 209, 2" NPT and 53-L 210, 3/4" NPT
Spout for 200 L / 55 gal metal drum	53-L 208, 3/4" NPT and 53-L 209, 2" NPT

TECH TIP: When transferring flammable liquids, always ensure containers are grounded and follow normal safety rules.

53-L 113*



5 L / 1.3 gal plastic pail

53-L 207*



20 L / 5.3 gal square plastic pail

53-L 211*



20 L / 5.3 gal round metal pail

53-L 209



2" NPT

208 L / 55 gal plastic drum

53-L 210*



3/4" NPT

53-L 208*



3/4" NPT

200 L / 55 gal metal drum

*Allows to fill 500 ml trigger sprayer bottles or any other larger container directly.

Metal drum pump

For use with lubricants or viscous liquids
Delivers 12 oz per stroke.

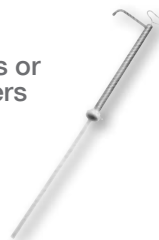
Order no. 53-L 115



Chrome plated drum pump

For use with aqueous or solvent based cleaners
Delivers 8 oz per stroke.

Order no. 53-L 116



Hand pump

For effective fluid transfer, use with Bio-Circle®

Order no. 55-B 051



NUMERICAL LISTING

Order no.	Description	Page
53A103	TAPCUT/350 ML	64
53A105	TAPCUT/3.78L	64
53A107	TAPCUT/20 L	64
53B002	COOLCUT SPRAY/400 ML	61
53B003	COOLCUT LIQUID/350 ML	61
53B004	COOLCUT SPRAYER/500ML	61
53B005	COOLCUT LIQUID/3.78L	61
53B007	COOLCUT LIQUID/20 L	61
53B008	COOLCUT LIQUID/200 L	61
53B013	COOLCUT LUB STICK/300 G	61
53B023	COOLCUT GEL/200G	61
53B202	STAINLESSCUT SPRAY/400ML	63
53B203	STAINLESSCUT LIQUID/350 ML	63
53B205	STAINLESSCUT LIQUID/3.78L	63
53B303	ALUCUT LUB STICK/300 G	63
53C005	COOLCUT S-30/3.78L	62
53C007	COOLCUT S-30/20 LTR	62
53C008	COOLCUT S-30 / 200L	62
53C011	SB-30 SYSTEM BOOSTER	62
53C025	COOLCUT S-50/3.78L	62
53C027	COOLCUT S-50/20 LTR	62
53C028	COOLCUT S-50 / 200L	62
53C055	ICECUT COOLANT-LUB/3.78L	64
53C057	ICECUT COOLANT-LUB/20L	64
53C502	SLAP-SHOT AEROSOL/500ML	54
53C503	SLAP-SHOT SPRAYER/500ML	54
53C506	SLAPSHOT LIQUID/5L	54
53C507	SLAPSHOT LIQUID/20L	54
53C508	SLAPSHOT LIQUID/200L	54
53C552	SLAP-SHOT PL, AEROSOL/400ML	54
53C557	AF-PL LIQUID / 20L	52
53C558	AF-PL LIQUID/200L	52
53C712	CONTACT CLEAN/12 OZ	55
53D102	CHAIN GANG SPRAY/400 ML	58
53D402	POLY-LUBE AEROSOL/400ML	57
53D502	DRY PRO AEROSOL/400ML	57
53D602	FOOD ZONE AEROSOL/400ML	56
53D652	FOOD ZONE V AEROSOL/400ML	56
53D812	HANG-ON SPRAY/400ML	59
53D817	HANG-ON LIQUID/20L	59
53D852	ROCK 'N' ROLL SPRAY/400ML	60
53D854	ROCK 'N' ROLL PASTE/300G	60
53D892	BOLT-OUT AEROSOL /400ML	59
53D893	BOLT-OUT SPRAYER/500ML	59
53D897	BOLT-OUT LIQUID/20L	59
53E102	OPEN GEAR SPRAY/400 ML	58
53G001	CORROSION INHIBITOR/950ML	40
53G002	DEFOAMER ADDITIVE/ 950ML	40
53G015	UNO S F/ 3.78L	36
53G017	UNO S F/ 20L	36
53G018	UNO S F/ 208L	36

Order no.	Description	Page
53G019	UNO S F/ 1000 L	36
53G023	UNO SF/500ML	36
53G033	UNO S 500ML IND. STRENGTH DEGREASER	36
53G035	UNO S/3.78L	36
53G037	UNO S 20L	36
53G038	UNO S 208L IND. STRENGTH DEGREASER	36
53G039	UNO S IND. STRENGTH DEGREASER 1000 L	36
53G067	STAR 200/ 20 L	38
53G068	STAR 200/ 208L	38
53G069	STAR 200 1000L	38
53G123	CB 100 ALU 500 ml	21
53G125	CB 100 ALU 3.78L	21
53G127	CB 100 ALU / 20L	21
53G128	CB 100 ALU / 208L	21
53G129	CB 100 ALU /1000L	21
53G133	CB 100 LR / 500 ml	20
53G135	CB100 LR / 3.78L	20
53G137	CB100 LR / 20L	20
53G138	CB100 LR / 208L	20
53G139	CB100 LR / 1000L	20
53G143	CB 100 ALU LR / 500 ml	21
53G145	CB 100 ALU LR / 3.78L	21
53G147	CB 100 ALU LR / 20L	21
53G148	CB 100 ALU LR / 208L	21
53G149	CB 100 ALU LR / 1000L	21
53G163	CB 100 500 ml	20
53G165	CB 100 / 3.78L	20
53G167	CB 100 / 20L	20
53G168	CB 100 / 208L	20
53G169	CB 100 /1000L	20
53G173	FT200/ 500 ML	44
53G177	FT200/ 20 L	44
53G178	FT200/ 208 L	44
53G183	FT 100 / 500ml	44
53G187	FT 100 / 20L	44
53G188	FT 100 / 208L	44
53G247	BIO-RUST/20L	42
53G248	BIO-RUST/208L	42
53G253	POWER CLEANER 100/ 500 ML	42
53G255	POWER CLEANER 100/3.78L	42
53G257	POWER CLEANER 100/ 20 L	42
53G303	E-NOX CLEAN, 500ML	41
53G305	E-NOX CLEAN/3.78L	41
53G307	E-NOX CLEAN, 20L	41
53G308	E-NOX CLEAN, 208L	41
53G403	E-NOX SHINE SPRA/500ML	41
53G405	E-NOX SHINE/3.78L	41
53G407	E-NOX SHINE/20L	41
53G408	E-NOX SHINE/208L	41
53G513	SC 400 SPRAYER / 500ML	43
53G516	SC 400 / 3.78 L	43

Order no.	Description	Page
53G517	SC 400/ 20L	43
53G518	SC 400/ 200L	43
53G623	GS 200 / 500ML	43
53G625	GS 200/3.78L	43
53G627	GS 200 / 20L	43
53G628	GS 200 / 208L	43
53G697	ALUSTAR 100 / 20L	38
53G698	ALUSTAR 100 / 208L	38
53G705	ALUSTAR 200/3.78L	39
53G707	ALUSTAR 200 / 20L	39
53G708	ALUSTAR 200 / 208 L	39
53G709	Alustar 200 1000L	39
53G757	ALUSTAR 300 / 20L	39
53G758	ALUSTAR 300 / 208 L	39
53G759	Alustar 300 1000L	39
53G927	CORRISON INHIBITOR ADDITIVE/ 20L	40
53G928	CORRISON INHIBITOR ADDITIVE/ 208L	40
53G937	DEFOAMER ADDITIVE/ 20L	40
53H102	ZINC-100 SPRAY/326G	66
53H152	ZINC-200 AEROSOL/326G	66
53H252	SHIELD PRO AEROSOL/400ML	65
53L100	REPLACEMENT GASKET SET	69
53L104	SPRAY NOZZLE-PKG/5	69
53L113	FAUCET FOR 5L CONTAINER	70
53L114	SWIRL PIECE / 53-L 101&120	69
53L115	LUBRICANT DRUM PUMP	70
53L116	DRUM PUMP/SOLV+AQUEOUS	70
53L116	DRUM PUMP/SOLV+AQUEOUS	42
53L120	SOLVENT PUMP SPRAYER	69
53L120	SOLVENT PUMP SPRAYER	43, 45, 52
53L158	EMPTY BOTTLE UNO S F 950ML	69
53L160	TITRATION KIT	40
53L162	PROPORTIONING SYSTEM	40
53L207	SPOUT PLASTIC CONTNR 20L	70
53L207	SPOUT PLASTIC CONTNR 20L	42, 45, 61, 62, 64
53L208	DISPENSING SPOUT/200L DRUM	70
53L208	DISPENSING SPOUT/200L DRUM	43, 52, 54
53L209	2*FAUCET/200L PLASTIC DRUM	70
53L209	2*FAUCET/200L PLASTIC DRUM	42, 45, 61, 62
53L210	3/4" SPIGOT /20L	61
53L210	3/4" SPIGOT /20L	70
53L211	SPOUT FOR 20L METAL SPOUT	70
53L309	EMPTY BOTTLE PWR CLEANER 100	69
53L309	EMPTY BOTTLE PWR CLEANER 100	42
53L311	EMPTY SPRAY BOTTLE/SLAP SHOT	69
53L311	EMPTY SPRAY BOTTLE/SLAP SHOT	54
53L313	EMPTY SPRAY BOTTLE/SC400	69
53L313	EMPTY SPRAY BOTTLE/SC400	43
53L314	EMPTY SPRAY BOTTLE/OMNI	69
53L314	EMPTY SPRAY BOTTLE/OMNI	45
53L315	EMPTY SPRAY BOTTLE/UNO SF	69
53L316	EMPTY SPR. BOTTLE/E-NOX SHINE	69
53L322	EMPTY SPRAY BOTTLE/FT 200	69

Order no.	Description	Page
53L331	EMPTY SPRAY BOTTLE/HANG-ON	69
53L331	EMPTY SPRAY BOTTLE/HANG-ON	59
53L332	EMPTY SPRAY BOTTLE/BOLT-OUT	69
53L332	EMPTY SPRAY BOTTLE/BOLT-OUT	59
53L336	EMPTY SPRAY BOTTLE/UNO SV	69
53L337	EMPTY SPRAY BOTTLE/E-NOX CLEAN	69
53L341	EMPTY SPRAY BOTTLE/GS 200	69
53L342	EMPTY SPRAY BOTTLE/CB 100	69
53L343	EMPTY SPRAY BOTTLE/CB 100 ALU	69
53L345	EMPTY SPRAY BOTTLE/CB 100 LR	69
53L346	EMPTY SPRAY BOTTLE/CB 100 ALU LR	69
53M010	AIR FORCE REFILL STATION	47, 53
53M012AFOBB	AIR FORCE OMNI 20L	47
53M012AFOD	AIR FORCE OMNI 200L	47
53M012AFPLD	AIR FORCE AF-PL 200L	53
53M012AFPLP	AIR FORCE AF-PL 20L	53
53M015	AIR NOZZLE	47, 53
53M022	NOZZLE(WHITE)-WIDE SPRAY	47, 53
53M025	SAFETY RELIEF VALVE	47, 53
53M030	REPLACEMENT KIT/AIR FORCE	47, 53
53M037	BRASS SCREW CAP	47, 53
53M038	AIRFORCE 2" DRUM ADAPTOR	47, 53
53M039	AIRFORCE VALVE-AIR/LIQUID	47, 53
53M052	NOZZLE W/LONG EXT. TUBE	47, 53
53M053	NOZZLE W/SHORT EXT. TUBE	47, 53
53M054	VARIABLE SPR. VALVE/53M012	47, 53
53M101	AIRFORCE/AF-PL BOTTLE	53
53M132	AF / OMNI - BOTTLE	47
53X002	OMNI AEROSOL/480ML-389G	45
53X003	OMNI SPRAYER/500ML	45
53X005	OMNI/3.78L	45
53X007	OMNI/ 20L	45
53X008	OMNI / 208L	45
53X009	OMNI / 1000 L	45
55A007	BIO-CIRCLE L / 20L	28
55A008	BIO-CIRCLE L / 208L	28
55A009	Bio-Circle L 1000L	28
55A107	BIO-CIRCLE ULTRA / 20L	28
55A108	BIO-CIRCLE ULTRA / 208L	28
55A109	Bio-Circle Ultra 1000L	28
55A207	BIO-CIRCLE AERO / 20L	29
55A208	BIO-CIRCLE AERO / 208L	29
55A209	Bio-Circle Aero 1000L	29
55B004	PARTS WASHING BASKET	68
55B004	PARTS WASHING BASKET	32
55B005	FLOW-THROUGH BRUSH	32
55B005	FLOW-THROUGH BRUSH	68
55B007	FLOW-THROUGH BRUSH - ANGLE	68
55B007	FLOW-THROUGH BRUSH - ANGLE	32
55B011	NYLON MESH FILTER-350M	68
55B012	FILTER CARTRIDGE-100M	68
55B021	FILTER CARTRIDGE 200M	68
55B035	SPANNER FOR FILTER HOUSING	68

Order no.	Description	Page
55B036	NYLON MESH FILTER-100 MICRON	68
55B037	NYLON MESH FILTER-150 MICRON	68
55B038	NYLON MESH FILTER-200 MICRON	68
55B041	FILTER BAG 50 MICRON-PKG/6	68
55B042	FILTER BAG 100 MICRON-PKG/6	68
55B043	FILTER BAG 200 MICRON-PKG/6	68
55B045	SINK INSERT-COMPACT *S*	68
55B046	STAINLESS STEEL TOP SINK/MAXI	32
55B046	STAINLESS STEEL TOP SINK/MAXI	68
55B047	LID FOR MAXI	68
55B048	SINK INSERT MAXI	68
55B049	WHEEL BAR KIT/ MAXI	68
55B051	PUMP /55B020	70
55B063	BIO CIRCLE SCRAPER	68
55B063	BIO CIRCLE SCRAPER	23,24
55B083	DOLLY / CLEAN BOX	23
55B083	DOLLY / CLEAN BOX	69
55B085	BIO CIRCLE AIR GUN KIT	68
55B085	BIO CIRCLE AIR GUN KIT	43
55B087	STAINLESS STEEL BASKET	68
55B088	FILTER BOWL FOR COMPACT-S	68
55B089	CART-COMPACT S	68
55B090	CLEANBOX FLOW MOBILE CART	24
55B090	CLEANBOX FLOW MOBILE CART	69
55B091	CLEANBOX FLOW WAVE BREAKER	69
55B122	CLEAN BOX, LID	69
55D010	CLEAN BOX	23
55D010CBALRMP	Cl.Box Dip Mobile start pkg CB 100 ALU LR / 20L	26
55D010CBALRP	Cl.Box Dip start pkg CB 100 ALU LR / 20L	26
55D010CBAMP	Cl.Box DIP MOBILE with CB100 ALU 20L	26
55D010CBAP	Cl.Box DIP with CB100 ALU 20L	26
55D010CBLRMP	Cl.Box Dip Mobile start pkg CB 100 LR / 20L	26
55D010CBLRP	Cl.Box Dip start pkg CB 100 LR / 20L	26
55D010CBMP	Cl.Box DIP MOBILE with CB100 20L	26
55D010CBP	Cl.Box DIP with CB100 20L	26
55D020	Cl.Box FLOW	24
55D020CBAMP	Cl.Box FLOW MOBILE with CB100 ALU 20L	26
55D020CBAP	Cl.Box FLOW with CB100 ALU 20L	26
55D020CBMP	Cl.Box FLOW MOBILE with CB100 20L	26
55D020CBP	Cl.Box FLOW with CB100 20L	26
55D030	Cl.Box MEGA	22
55D030CBAD	Cl.Box Mega No Heat start pkg CB 100 ALU / 208L	25
55D030CBALRD	Cl.Box Mega No Heat start pkg CB 100 ALU LR / 208L	25
55D030CBD	Cl.Box Mega No Heat start pkg CB 100 / 208L	25
55D030CBLRD	Cl.Box Mega No Heat start pkg CB 100 LR / 208L	25
55D350	BIO CIRCLE COMPACT S, 120V	32
55D350BCAD	Compact S start pkg Bio Circle Aero / 208L	33
55D350BCAP	Compact S start pkg Bio Circle Aero / 20L	33
55D350BCLD	Compact S start pkg Bio Circle L / 208L	33
55D350BCLP	Compact S start pkg Bio Circle L / 20L	33
55D350BCUD	Compact S start pkg Bio Circle Ultra / 208L	33
55D350BCUP	Compact S start pkg Bio Circle Ultra / 20L	33
55D360	Cl.Box COMPACT-NO HEAT	22

Order no.	Description	Page
55D360CBAD	Cl.Box Compact S No Heat start pkg CB 100 ALU / 208L	25
55D360CBALRD	Cl.Box Compact S No Heat start pkg CB 100 ALU LR / 208L	25
55D360CBALRP	Cl.Box Compact S No Heat start pkg CB 100 ALU LR / 20L	25
55D360CBAP	Cl.Box Compact S No Heat start pkg CB 100 ALU / 20L	25
55D360CBD	Cl.Box Compact S No Heat start pkg CB 100 / 208L	25
55D360CBLRD	Cl.Box Compact S No Heat start pkg CB 100 LR / 208L	25
55D360CBLRP	Cl.Box Compact S No Heat start pkg CB 100 LR / 20L	25
55D360CBP	Cl.Box Compact S No Heat start pkg CB 100 / 20L	25
55D365	Cl.Box COMPACT-HEAT	22
55D365CBAD	Cl.Box Compact S Heat start pkg CB 100 ALU / 208L	25
55D365CBALRD	Cl.Box Compact S Heat start pkg CB 100 ALU LR / 208L	25
55D365CBALRP	Cl.Box Compact S Heat start pkg CB 100 ALU LR / 20L	25
55D365CBAP	Cl.Box Compact S Heat start pkg CB 100 ALU / 20L	25
55D365CBD	Cl.Box Compact S Heat start pkg CB 100 / 208L	25
55D365CBLRD	Cl.Box Compact S Heat start pkg CB 100 LR / 208L	25
55D365CBLRP	Cl.Box Compact S Heat start pkg CB 100 LR / 20L	25
55D365CBP	Cl.Box Compact S Heat start pkg CB 100 / 20L	25
55D600	Bio-Circle MAXI	32
55D600BCAD	Maxi start pkg Bio Circle Aero / 208L	33
55D600BCAP	Maxi start pkg Bio Circle Aero / 20L	33
55D600BCLD	Maxi start pkg Bio Circle L / 208L	33
55D600BCLP	Maxi start pkg Bio Circle L / 20L	33
55D600BCUD	Maxi start pkg Bio Circle Ultra / 208L	33
55D600BCUP	Maxi start pkg Bio Circle Ultra / 20L	33
55D610	Cl.Box MAXI-NO HEAT	22
55D610CBAD	Cl.Box Maxi No heat start pkg CB 100 ALU / 208L	25
55D610CBALRD	Cl.Box Maxi No heat start pkg CB 100 ALU LR / 208L	25
55D610CBALRP	Cl.Box Maxi No heat start pkg CB 100 ALU LR / 20L	25
55D610CBAP	Cl.Box Maxi No heat start pkg CB 100 ALU / 20L	25
55D610CBD	Cl.Box Maxi No heat start pkg CB 100 / 208L	25
55D610CBLRD	Cl.Box Maxi No heat start pkg CB 100 LR / 208L	25
55D610CBLRP	Cl.Box Maxi No heat start pkg CB 100 LR / 20L	25
55D610CBP	Cl.Box Maxi No heat start pkg CB 100 / 20L	25
55D615	Cl.Box MAXI-HEAT	22
55D615CBAD	Cl.Box Maxi Heat start pkg CB 100 ALU / 208L	25
55D615CBALRD	Cl.Box Maxi Heat start pkg CB 100 ALU LR / 208L	25
55D615CBALRP	Cl.Box Maxi Heat start pkg CB 100 ALU LR / 20L	25
55D615CBAP	Cl.Box Maxi Heat start pkg CB 100 ALU / 20L	25
55D615CBD	Cl.Box Maxi Heat start pkg CB 100 / 208L	25
55D615CBLRD	Cl.Box Maxi Heat start pkg CB 100 LR / 208L	25
55D615CBLRP	Cl.Box Maxi Heat start pkg CB 100 LR / 20L	25
55D615CBP	Cl.Box Maxi Heat start pkg CB 100 / 20L	25
57D150	AMPS 1000 AUTOMATIC SPRAYER	48
57M001	16X16 MICROFIBER CLOTH/PKG 10	69
57M001	16X16 MICROFIBER CLOTH/PKG 10	45
57M005	16X16 MICROFIBER CLOTH/PKG 50	69
57M010	16X16 MICROFIBER CLOTH/PKG 100	69

We would like to thank all of our customers who allowed us to perform photo shoots at their locations

DBM Optix and DBM Reflex | HEWITT Equipment | Kenworth



OUR CONTRIBUTION TO BUILD A BETTER WORLD

In the last 15 years, we've eliminated more than 15,000 solvent tubs from daily use in a variety of industrial maintenance settings. This means approximately 75,000 workers are no longer exposed to dangerous solvents, and up to 825,000 gallons of solvents have been removed from the workplace and the industrial waste stream. In addition, an estimated 3–6 million pounds of VOCs no longer threaten the environment.