



# SmartWasher®

BIOREMEDIATING parts washing system

## PRODUCT GUIDE



WHEN YOU SEE THIS ICON,  
CLICK TO FIND OUT MORE!

# BE SAFE BE SMART

## PROTECT YOUR TEAM AND THE ENVIRONMENT

The CRC SmartWasher® is a bioremediating parts washing system designed to clean dirty equipment parts during repair and maintenance operations - safely. The system combines 3 essential components – the SmartWasher® parts washer, the OzzyJuice® cleaning fluid, and the OzzyMat® filter that contains a proprietary blend of microbes.

The SmartWasher® heats and circulates the OzzyJuice® and the OzzyJuice® cleans the parts. The OzzyMat® releases the microbes into the cleaning fluid to break down and eat oil, grease and carbon-based contaminants, creating a self-cleaning system that does not generate hazardous waste.

The SmartWasher® system harnesses the power of nature to deliver exceptional cleaning performance while also eliminating the need to handle or dispose of hazardous waste, making it a safer choice over manual solvent or aqueous-based parts washers.



**CRC** **SmartWasher**  
BIOREMEDIATING parts

### ✓ High-Performance Cleaning

- ✓ Non-Hazardous
- ✓ Non-Flammable
- ✓ Non-Corrosive
- ✓ Non-Polluting

CHANGE  
THE OZZY  
MICROBES

[www.smartwasher.com](http://www.smartwasher.com)

Made in U.S.A. Manufactured by Chemfree Corporation, A Subsidiary of CRC Industries. Copyright © 2011 Chemfree Corporation. All Rights Reserved. Chemfree, SmartWasher, OzzyMat, Ozzy, OzzyJuice, and the Ozzy design are registered trademarks of Chemfree Corporation.

# WHAT IS BIOREMEDIATION?

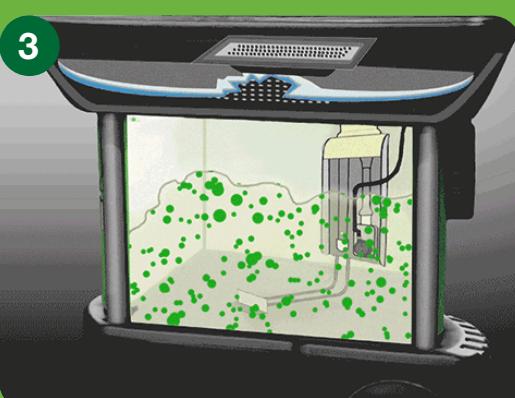
Bioremediation is the use of microbes to break down and “eat” oil, grease, and carbon-based contaminants. This proven biotechnology is used to assist in the clean-up of wastewater treatment ponds and lagoons in petroleum refineries and industrial manufacturing facilities all around the world.



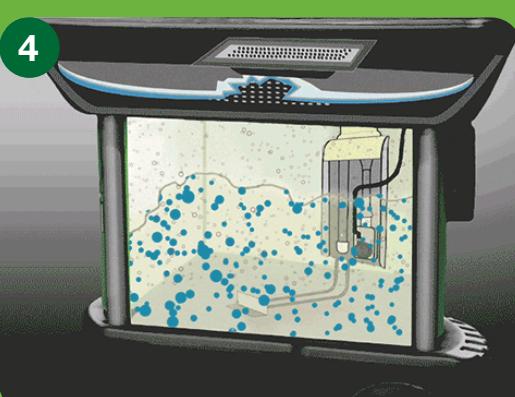
OIL CONTAMINANTS ENTER THE SOLUTION AS PARTS ARE WASHED.



SURFACTANT IN OZZYJUICE®  
SOLUTION EMULSIFIES THE OILS.



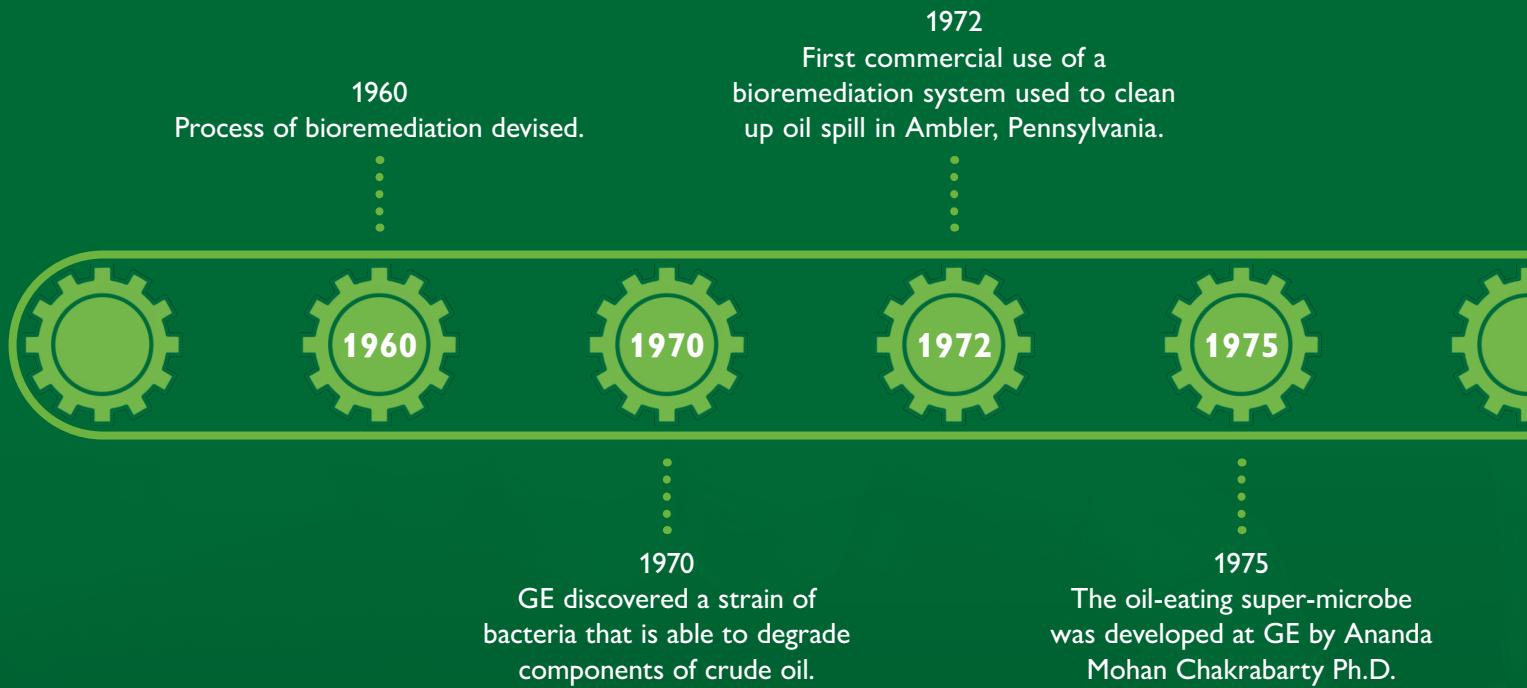
EMULSIFIED OIL IS EATEN BY THE  
OZZY® MICROBES.



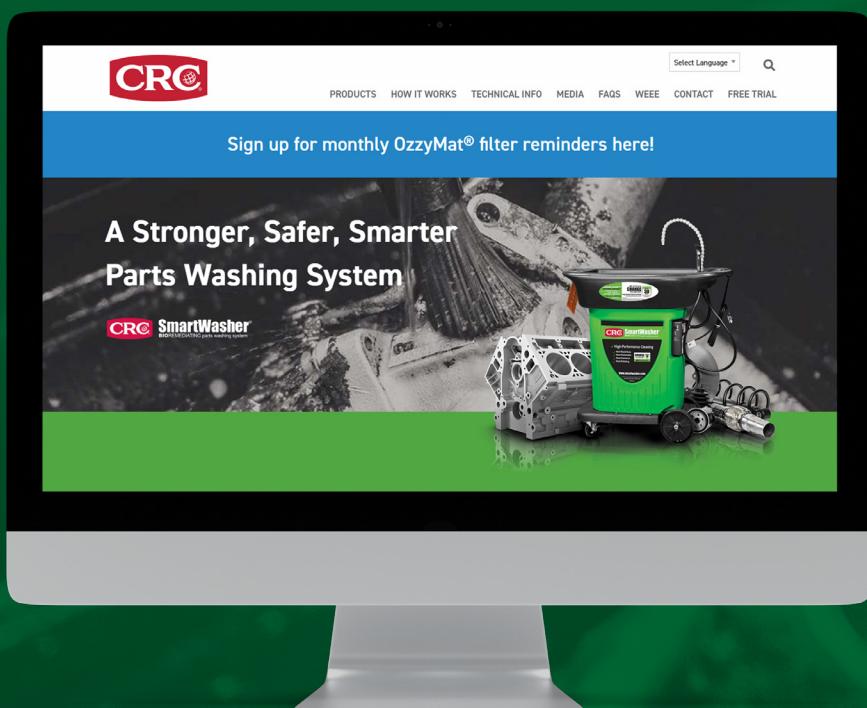
OIL IS CONVERTED INTO WATER AND  
CARBON DIOXIDE.

# HISTORY OF CRC SMARTWASHER®

For nearly 30 years, CRC SmartWasher® has been evolving, committed to providing an alternative method to cleaning parts without harming the environment or users. CRC SmartWasher® currently sells its products globally in many regions across a wide range of markets, holding patents in both the United States and abroad.



## FOR VIDEOS, DOCUMENTS & PRODUCT INFORMATION...



**VISIT: SMARTWASHEREUROPE.COM**

1980  
Commercialisation of  
bioremediation began, particularly  
for the treatment of contaminated  
soils & groundwater.

2015  
CRC Industries acquires  
SmartWasher® into its water-based  
offering.



1993  
ChemFree® Corporation founded  
with the launch of SmartWasher®,  
world's first bioremediating parts  
washer.

2022  
CRC SmartWasher® continues to  
expand globally, leading the way in  
bioremediating parts cleaning.

## POWERFUL AND EFFICIENT CLEANING



**BEFORE**



**AFTER**

# THE PERFORMANCE ADVANTAGE

It works! CRC SmartWasher® is effective, even on the toughest carbon, grease, gunk and oils.



## EXCEPTIONAL CLEANING POWER

Meets or exceeds the cleaning performance of manual solvent and aqueous parts washers

## SELF-CLEANING SOLUTION

The bioremediation process keeps the fluid clean and ready to use

## MOBILE OPTIONS

Save time by bringing the washer to the parts instead of the parts to the washer

# THE COST ADVANTAGE

When you compare traditional parts washers against the CRC SmartWasher®, the savings are clear.

## LESS SPENDING

No ongoing purchase of solvent cleaners

## MINIMISED WASTE

No changing or hauling away of cleaning fluid

## NO CONTRACTS

Eliminates hazardous waste removal contracts

## LOWER LIABILITY

No cradle to grave legal liability



# THE SAFETY ADVANTAGE

A CRC SmartWasher® delivers exceptional cleaning without any of the health risks associated with solvent and aqueous-based parts washers. It's safer for you and for the environment.



## BIOREMEDIATING MICROBES

Naturally occurring and non-pathogenic

## OZZYJUICE® CLEANING FLUIDS

Non-irritating and environmentally-friendly

## SAFER FOR EMPLOYEES

Non-flammable & no contact with harmful solvents

## SAFER FOR THE ENVIRONMENT

No hazardous waste



### FLEXIBLE TAP

Bendable design allows user to aim fluid stream directly at greasy, dirty parts.



### THE OZZYMAT®

The microbe-infused mat traps particulate matter larger than 50 microns. It is disposable and easy to change. The microbes in the mat are activated when used with OzzyJuice®. Change mat every 30 days for optimal performance.



### RECIRCULATING PUMP

Pump action recirculates system fluid and microbes through machine.

### INDUSTRIAL HEATER

Built-in heater keeps fluid at a comfortable 40°C. The heat can also be set to 46°C.



### FLOW-THROUGH BRUSH

Scrub away grease and oil with the durable brush.



### PUMP CONTROL TIMER

System is equipped with a timer that automatically stops fluid flow after a set time of 10 or 30 minutes.

# CRC LOCATIONS AROUND EMEIA

- Our company consists of five operating groups headquartered in the United States, Belgium, the United Kingdom, Australia and South Africa.
- The ISO 9001 certification of our manufacturing plants in Belgium, the United Kingdom and South Africa reflects the high priority we give in providing consistent quality to meet our customers' needs. CRC® Industries UK has also been awarded the ISO 14001 certification, recognizing its responsible environmental practice.
- We guarantee high quality products by following strict guide-lines in all facets of research, development and production.
- We meet today's most stringent environmental and safety standards.
- We develop new products and continue to adapt existing products to meet the needs of our customers.



# FOR USE IN MANY DIFFERENT INDUSTRIES...



POLYMER PROCESSING



FOOD & BEVERAGE



RAIL



AVIATION



AUTOMOTIVE



MILITARY



BIKE



WAREHOUSING



FORESTRY



MRO

AND MANY MORE...

# THE SMARTWASHER® RANGE

SmartWasher® ships completely assembled. Starter kits available with OzzyMat® and OzzyJuice®.

## SW-28 SUPERSINK PARTS WASHER

Bigger is better with the SuperSink Parts Washer. This model is loaded with features and includes an extra large work surface for all jobs, large and small.



Nr.	1752924
Overall Dimensions (L*W*H)	1194 * 965 * 1067mm
Inside Sink Dimensions (L*W*H)	1041 * 660 * 203mm
Capacity	100 L
Load Capacity	227 kg
Parts Washer Structure	Heavy-Duty HDPE
Controls	Toggle switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 minutes
Certified	CE, NSF
Initial Fill	100 L

## SW-33 MOBILE PARTS WASHER

Your mobile parts washer just got better. Like the SW-23, the SW-33 fits every application with its unique design, large sink size, mobility and amazing features. It includes an extra long angled brush/hose for those hard to reach places and a customised dolly with a footstep that makes it really easy to move around. The latest model in our SmartWasher range now includes a single control assembly for easier maintenance, less downtime and even greater reliability.

Nr.	1752925
Overall Dimensions (L*W*H)	1092 * 686 * 1067mm
Inside Sink Dimensions (L*W*H)	686 * 584 * 203mm
Capacity	60 L
Load Capacity	180 kg
Parts Washer Structure	Heavy-Duty HDPE
Controls	Toggle switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 minutes
Certified	CE, NSF
Initial Fill	60 L



## SW-37 MOBILE HEAVYWEIGHT PARTS WASHER

Tough enough for the big jobs, it has an enormous 454 kg load capacity, moves easily through the workshop area on a mobile dolly or can stay in one place with locking casters and provides a large, oversized sink to accommodate large and small parts.



Nr.	1753378
Overall Dimensions (L*W*H)	1219 * 889 * 1143mm
Inside Sink Dimensions (L*W*H)	838 * 685 * 203mm
Capacity	100 L
Load Capacity	454 kg
Parts Washer Structure	Heavy-Duty HDPE
Controls	Toggle switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 minutes
Certified	CE, NSF
Initial Fill	100 L

	<b>SW-28</b> SuperSink Parts Washer	<b>SW-33</b> Mobile Parts Washer	<b>SW-37</b> Mobile Heavyweight Parts Washer

Nr.	1752924	1752925	1753378
Overall Dimensions (L*W*H)	1194 * 965 * 1067mm	1092 * 686 * 1067mm	1219 * 889 * 1143mm
Inside Sink Dimensions (L*W*H)	1041 * 660 * 203mm	686 * 584 * 203mm	838 * 685 * 203mm
Capacity	100 L	60 L	100 L
Load Capacity	227 kg	180 kg	454 kg
Parts Washer Structure	Heavy-Duty HDPE	Heavy-Duty HDPE	Heavy-Duty HDPE
Controls	Toggle switch	Toggle switch	Toggle switch
Pump Capacity	19 L per minute	19 L per minute	19 L per minute
Adjustable Thermostat	40 to 46°C	40 to 46°C	40 to 46°C
Flow Control Timer	10 minutes	10 minutes	10 minutes
Certified	CE, NSF	CE, NSF	CE, NSF
Initial Fill	100 L	60 L	100 L

# SMARTWASHER® = SAFER CLEANING



# ozzyjuice® DEGREASING/CLEANING SOLUTION

## WHAT IS OZZYJUICE®?

OzzyJuice® is a powerful, aqueous-based degreasing/cleaning solution that is pH-neutral, non-irritating, non-flammable, and non-hazardous. Armed with superior cleaning capability, OzzyJuice® solutions will match or surpass the performance of premium solvents without the associated risks.

## OZZY® MICROBES KEEP THE OZZYJUICE® CLEAN AND STRONG.

Microbes (Ozzy®), introduced into the SmartWasher® system through the OzzyMat®, eat the grease, oil and other contaminants, creating the harmless by-products of carbon dioxide and water.

## CLEAN OZZYJUICE® MEANS CLEAN PARTS.

The OzzyJuice® degreasing/cleaning solution cleans dirty parts and the Ozzy® microbes clean the OzzyJuice®, leaving it strong and clean for every use. If the unit is maintained according to the operating instructions, you should never need to haul away dirty cleaning fluid again.



**A1**

Acceptable for use as a general cleaner on all surfaces in and around food processing areas, where its use is not intended for direct food contact.

## WHICH OZZYJUICE® IS RIGHT FOR THE APPLICATION?

ozzyjuice DEGREASING/ CLEANING SOLUTIONS	SW-3	SW-4	SW-6	SW-X1
Application	Truck Grade Degreasing Solution	Heavy Duty Degreasing Solution	Select Metals Degreasing Solution	High Performance Degreasing Solution
20 Litre Pail Nr.	1032075	1032762	1032078	1032675
20 Litre Pail Ref.	32948	33391	32949	33327
NSF A1	161215	165650	161319	165648
Motor Oil	Excellent	Excellent	Excellent	Superior
Bearing Grease	Excellent	Excellent	Good	Superior
Automotive Grease	Excellent	Excellent	Excellent	Superior
Animal Fat	Excellent	Excellent	Fair	Excellent
Burned-On Carbon	Good	Excellent	Good	Superior
Cutting Oils	Good	Good	Good	Superior
Ink/Toner	Fair	Good	Good	Good

\*Some of the many contaminant types OzzyJuice® will clean

## FL-4 MULTI-LAYER OZZYMAT®

Designed for applications with normal to heavy usage, the FL-4 Multi-Layer OzzyMat® has (4) white layers and (1) blue layer. The white layers on the mat trap any particulate larger than 50 microns and should be peeled away once a week for optimum performance. The blue layer is the support structure that contains the microbes (Ozzy®) and delivers them into the system. These microbes (Ozzy®) migrate from the OzzyMat® into the OzzyJuice®, located in the SmartWasher® tank, and break down oil and grease.

NUMBER	LEGACY #
1000512	32950



OZZY® MICROBES INSIDE  
**CHANGE**  
THE OZZYMAT®

CHANGE THE OZZYMAT TO MAINTAIN CLEAN OZZYJUICE.  
OZZY MICROBES KEEP THE OZZYJUICE CLEAN AND STRONG.  
CLEAN OZZYJUICE MEANS CLEAN PARTS.



## WHAT IS THE SMS REMINDER SERVICE?

CRC has developed a fully integrated SMS reminder platform that allows for End Users to sign-up via an online form to receive free monthly alerts to ensure OzzyMats are changed on time. This will ensure your CRC SmartWasher® is maintained correctly.

- CONVENIENT MONTHLY REMINDERS**
- IMPROVED MACHINE MAINTENANCE**
- INCREASED CLEANING EFFICACY**
- OPT-OUT ANYTIME**



# FAQ'S

## DOES WATER-BASED TECHNOLOGY WORK AS WELL AS SOLVENTS?

Using advanced chemistry, CRC has been able to replicate and, in many cases, improve on the current performance of solvents. You will be amazed by the performance of CRC's water-based formulas. Users all round the world are converting to SmartWasher with no regrets; the only regret is they didn't change sooner.

## WE ALREADY HAVE A CLEANING SYSTEM...

Modern cleaning systems need to meet the "full" needs of your business. SmartWasher offers:

- Safe for users: non-flammable and no contact with harmful solvents
- A true sustainable cleaning system: the bioremediation process keeps the fluid clean and ready to use
- Better for the environment: no hazardous waste
- Less spending: eliminates hazardous waste removal contracts

## I ALREADY HAVE A CLEANING CONTRACT WITH MY CURRENT PROVIDER...

We can assist you with looking at your current contracts, agreements and obligations to come up with a solution that benefits you.

## NEXT STEPS...

- Risk free trial offering
- Training & literature provided
- Pricing & Distributor recommendations
- Machine & consumables recommendations
- Cost savings calculated



## REQUEST YOUR FREE TRIAL

CRC has a trial program in place for customers interested in a CRC SmartWasher® and the opportunity to "try before you buy". The trial allows the user to install the unit, including fluids, specific to their application (profiled in advance) and use it for up to 14 days before being invoiced.





**SmartWasher®**  
BIOREMEDIATING parts washing system

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