



Discover Perfectly Clean



**ASIA
PACIFIC**

ELECTRONICS ASSEMBLY

*Products for Faster, Safer and
More Consistent Cleaning*



Discover Perfectly Clean

WE MAKE CRITICAL CLEANING EASIER!

MicroCare is the industry leader with over 40 years of experience in providing you with safe, cost-effective and compliant cleaning fluids for electronic components and PCBs (printed circuit boards).

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DISCOVER PERFECTLY CLEAN



Providing Globally Sustainable Critical Cleaning Solutions



For the past forty years, critical cleaning is all we do. Whether it's a PCB in a defense satellite, a connection in a fibre optic network or a metal aircraft engine part, all must be critically clean to work without fail. MicroCare™ formulates, manufactures and distributes high-purity fluids to clean those parts we rely on every day.

ELECTRONICS ASSEMBLY

Specialty solvents and products for cleaning printed circuit boards during post-reflow production.

FIBRE OPTICS

Non-flammable cleaning fluids and custom engineered cleaning tools for fibre optic connections.

PRECISION CLEANING

High-performance fluids used for cleaning, most commonly in vapour degreasers.



For more information and to download SDS or technical data sheets, visit our website **MicroCare.com**





Selection Guide: FLUX REMOVERS

Compare our best selling electronics cleaners
on two important characteristics:

SAFETY & CLEANING STRENGTH

NONFLAMMABLE Flux Removers

► FOR BETTER SAFETY



FLUX REMOVER	Best On	Cleaning Strength (Kb)	Plastic Safe	TriggerGrip™ Compatible	Odour	Drying Speed	VOC Content
General Purpose Flux Remover C <i>MCC-FRC (pg. 5)</i>	No Clean / Rosin / Water Soluble	25 (Medium)	Test	✓	Low	Fast	590gm/L
Universal <i>MCC-UFR10A (pg. 6)</i>	Rosin	34 (Medium)	Test	✓	Slight	Fast	59gm/L
SuprClean™ Heavy Duty <i>MCC-SPR (pg. 5)</i>	Rosin	110 (Very Strong)	Not Likely	✓	Low	Fast	1,080gm/L
PowerClean™ Lead-Free <i>MCC-PW210A (pg. 5)</i>	Lead-Free	115 (Very Strong)	Not Likely	✓	Low	Fast	747gm/L

FLAMMABLE Flux Removers

► FOR LOWER COST



FLUX REMOVER	Best On	Cleaning Strength (Kb)	Plastic Safe	TriggerGrip™ Compatible	Odour	Drying Speed	VOC Content
VeriClean™ No Clean <i>MCC-DC1 (pg. 6)</i>	No Clean	18 (Mild)	Yes	✓	Slight	Fast	87gm/L
ProClean™ Alcohol-Enhanced <i>MCC-PRO (pg. 7)</i>	No Clean / Rosin / Water Soluble	45 (Medium)	Yes	✓	Alcohol	Slow	785gm/L
UltraClean™ VOC-Free <i>MCC-VOC10A (pg. 7)</i>	No Clean / Lead Free	56 (Strong)	Test	✓	Low	Medium	0gm/L
Slow Drying Citrus-Based <i>MCC-EC7M (pg. 7)</i>	No Clean / Rosin / Water Soluble	67 (Strong)	Not Likely	✓	Citrus	Slow	840gm/L
Polar <i>MCC-PFR10A (pg. 7)</i>	No Clean / Rosin	72 (Strong)	Test	✓	Acetone	Slow	184gm/L

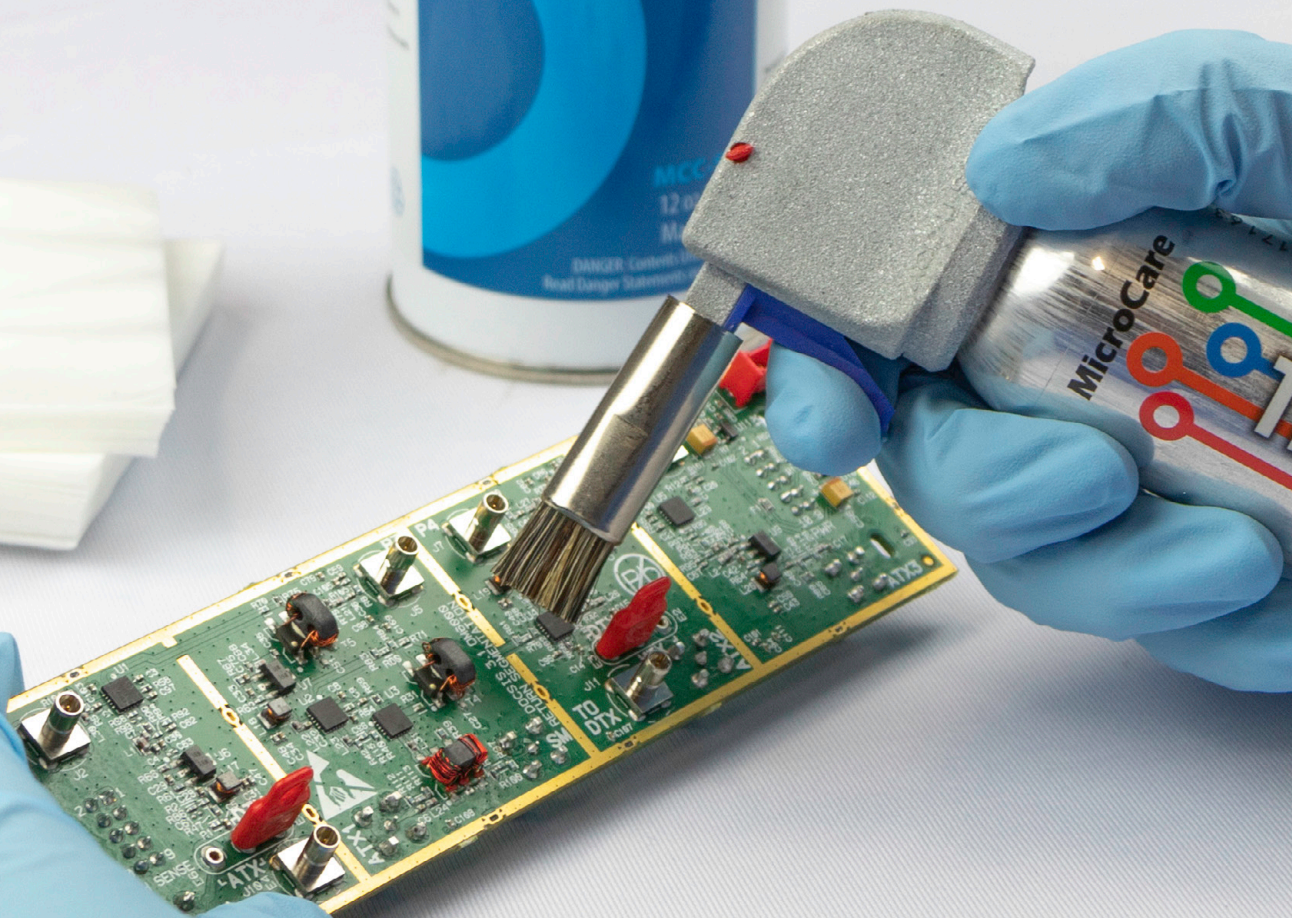


FLUX REMOVERS

Cleaning PRINTED CIRCUIT BOARDS
at the **LOWEST POSSIBLE COST**
is **EASIER THAN EVER**

PCBs need to be clean to perform
as expected. *MicroCare* has both the
products and the know-how to get your
circuit boards perfectly clean in a **fast**,
consistent, **safe** and **cost-effective** way.

ALL AEROSOL
FLUX REMOVERS
are *TriggerGrip™*
compatible.



TriggerGrip™ Cleaning System
see pages 8 & 9

Heavy Duty Flux Remover - SuprClean™

REMOVES BAKED-ON FLUXES, PASTES AND ELECTRONIC GREASES

- Recommended for cleaning high-temp rosin, RA and RMA fluxes and acrylic conformal coatings
- Nonflammable for added safety
- Great choice for mil-spec PCBs, cables and connector cleaning
- Very strong cleaning, fast drying, low odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFC Blend | Cleaning Strength (Kb): 110
Nonflammable | Evaporation: Fast | VOC Content (gm/L): 1080
RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Heavy Duty Flux Remover SuprClean™	MCC-SPR	Aerosol	340gm



Lead-Free Flux Remover - PowerClean™

IDEAL FOR CLEANING LEAD-FREE FLUXES, PASTES, OILS AND INKS

- Removes white residue commonly found with lead-free fluxes
- Nonflammable for added safety
- Very strong cleaning, fast drying, low odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFC Blend | Cleaning Strength (Kb): 115 | Nonflammable | Evaporation: Fast
VOC Content (gm/L): 747 | RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-361-0867

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Lead-Free Flux Remover PowerClean™	MCC-PW210A	Aerosol	300gm



General Purpose Flux Remover - Flux Remover C

SUPERIOR RESULTS ON NO-CLEAN AND ROSIN FLUXES

Excellent 3M Novec™ Replacement

- Recommended as a general-purpose PCB cleaner
- Nonflammable for better safety
- Medium strength, fast-drying, low odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFC Blend | Cleaning Strength (Kb): 25 | Nonflammable
Evaporation: Fast | VOC Content (gm/L): 590 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
General Purpose Flux Remover C	MCC-FRC	Aerosol	300gm





Universal Flux Remover

EXCELLENT FOR NO-CLEAN AND ROSIN FLUX RESIDUE

Excellent 3M Novec™ Replacement

- Also removes oils, grease, fingerprints and silicone
- Nonflammable for better safety
- Low VOCs, low global warming
- Medium strength, fast drying, no odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFO Azeotrope | Cleaning Strength (Kb): 34 | Nonflammable
Evaporation: Fast | VOC Content (gm/L): 59 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Universal Flux Remover	MCC-UFR10A	Aerosol	300gm



Alcohol-Enhanced Flux Remover - ProClean™

IDEAL FOR R, RA, RMA, OA AND SA FLUXES AND PASTES

- A blend of alcohols delivers better cleaning than straight isopropyl alcohol
- Use on solder pastes, fluxes and fresh chip bonder
- Economical choice
- Medium strength, slow-drying, alcohol odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Alcohol | Cleaning Strength (Kb): 45 (Est.)
Flammable | Evaporation: Slow | VOC Content (gm/L): 785
RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-361-0867

Also available in:
Presaturated Wipes
Strong & Lint-Free
PN# MCC-PROW
Page 10



PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Alcohol-Enhanced Flux Remover - ProClean™	MCC-PRO	Aerosol	340gm



No-Clean Flux Remover - VeriClean™

THE ECONOMICAL CHOICE FOR NO-CLEAN FLUXES AND PASTES

- Also removes hard-to-clean silicones (oils, coatings, greases & adhesives)
- Excellent toxicity rating makes it safe for workers
- Mild strength, fast drying, low odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Methyl Siloxanes | Cleaning Strength (Kb): 18 (Est.)
Flammable | Evaporation: Fast | VOC Content (gm/L): 87
RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-447-4799

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
No-Clean Flux Remover VeriClean™	MCC-DC1	Aerosol	284gm

VOC-Free Flux Remover - UltraClean™

HIGHLY-EFFECTIVE ON NO-CLEAN AND ROSIN FLUXES

- Also removes hard-to-clean silicones (oils, coatings, greases, adhesives)
- No chlorine, no halogens, no VOCs, and a very low GWP
- Economical choice
- Strong cleaning, medium drying, low odour
- Offers current and long-term regulatory compliance
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Siloxanes | Cleaning Strength (Kb): 56 | Flammable
Evaporation: Medium | VOC Content (gm/L): 0 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
VOC-Free Flux Remover UltraClean™	MCC-VOC10A	Aerosol	284gm



Slow-Drying Flux Remover - Citrus-Based

EXCELLENT FOR REMOVING FLUXES, STENCIL PASTES, ADHESIVES AND INKS

- Citrus-based cleaner is natural and biodegradable
- Slow drying time helps when cleaning stubborn fluxes
- Economical choice
- Strong cleaning, with an orange scent
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Terpene Hydrocarbon | Cleaning Strength (Kb Value): 67 | Flammable | Evaporation: Slow
VOC Content (gm/L): 840 | RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-549-3821

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Slow-Drying Flux Remover Citrus Based	MCC-EC7M	Aerosol	284gm



Polar Flux Remover

VERY GOOD CLEANER FOR REMOVING HEAVY OR AGE-HARDENED ROSIN, RA AND RMA FLUXES

- Good on polar and ionic activators in rosin, RA and RMA fluxes
- Best choice for PCB rework and repair, and post-flow assembly
- Longer drying time allows you to work bigger surface areas with less fluid
- Economical choice
- Strong cleaning, slow-drying, acetone odour
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Organic Solvents | Cleaning Strength (Kb): 72 | Flammable
Evaporation: Slow | VOC Content (gm/L): 184 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE	PACK SIZE
Polar Flux Remover	MCC-PFR10A	Aerosol	300gm





TRIGGERGRIP™ CLEANING SYSTEM

The TriggerGrip™ PCB cleaning tool includes a reusable adapter to make connecting the TriggerGrip to most MicroCare aerosol cans a snap.



Scan for: Product Info, FAQs, Videos, Articles and More!

TriggerGrip™ Dispensing Tool

MAKES HIGH-QUALITY BENCHTOP CLEANING FAST, EASY AND MORE AFFORDABLE

The TriggerGrip™ PCB cleaning tool includes a reusable adapter to make connecting the TriggerGrip to most MicroCare aerosol cans a snap. It improves benchtop cleaning results, improves worker productivity, reduces waste, protects the environment, enhances worker safety and cuts production costs.



Reusable TriggerGrip™ adapter for easy, secure connection.



- ▶ Fresh, pure fluid cleans and rinses away contaminants
- ▶ Scrubbing brush gets into tight spaces
- ▶ Reduces solvent use by about 66%
- targets dirty areas & eliminates overspray
- ▶ Minimises cleaning fluid odour
- ▶ Empties the can completely – no waste

PRODUCT	PART NUMBER	PACKAGING
TriggerGrip™ Dispensing Tool, One Reusable Adapter (MCC-TGADPTD) and One Standard Natural Bristle Brush (MCC-RBNB)	MCC-ESD	1 Tool/Box 10 Boxes/Case

TriggerGrip™ Replacement Brushes

- ▶ Natural bristle brushes slip easily into place
- ▶ Reduce cleaning fluid consumption
- ▶ Speed up cleaning process
- ▶ Last 3-4 months in normal rework environment

Standard Brush
MCC-RBNB



Surface Mount Brush
MCC-SMB



Slo-Flo Brush
MCC-RBNB2

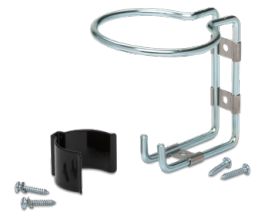


Spray-Thru Syringe
MCC-SR35



Bench Mounting Kit

- ▶ Conveniently holds the aerosol can and the TriggerGrip Dispensing Tool
- ▶ Keeps aerosol can from tipping and falling
- ▶ Organizes work bench
- ▶ ESD-safe



Bench Mounting Kit
includes mounting hardware

PRODUCT	PART NUMBER	PACKAGING
Standard Brush	MCC-RBNB	5 Brushes/Box
Surface Mount Brush	MCC-SMB	5 Brushes/Box
Slo-Flo Brush	MCC-RBNB2	5 Brushes/Box
Spray-Thru Syringe .035 O.D.	MCC-SR35	5 Syringes/Box

PRODUCT	PART NUMBER	PACKAGING
Bench Mounting Kit	MCC-BK3	1 Kit/Box 10 Boxes/Case



TriggerGrip™ Cleaning System is Easy - USE LESS, SAVE MORE



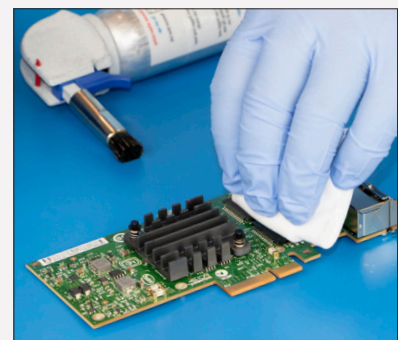
CONNECT

- ▶ Remove the tamper-proof seal off the top of the can
- ▶ Connect the reusable adapter
- ▶ Connect the TriggerGrip™ cleaning tool to the aerosol



WET & SCRUB

- ▶ Hold the PCB board at a slight angle
- ▶ Spray a small amount of the cleaning fluid
- ▶ Gently scrub residues
- ▶ Spray again if needed



RINSE & DRY

- ▶ Once the residue is loosened, lift the brush off the board and spray a small amount of the cleaning fluid to rinse
- ▶ Use a lint-free wipe or dust remover, if desired to dry



Scan QR code for
full instructions



PRESATURATED WIPES & REFILLS



MONEY-SAVING REFILLS

- Reduce waste and save money by re-using the rugged plastic tubs
- Refill packages contain the same heavy-duty wipes and fluid as the tubs, at reduced costs



PRESATURATED WIPE TUBS

- Convenient presaturated wipes are excellent for stencil cleaning and general surface prep
- Quickly remove solder paste and clean fingerprints, oils, grime, lint and dust from SMT stencils, plastics, metals and glass
- Each tub contains 100 strong, lint-free polyester wipes saturated with cleaning fluid
- Unique “slam-shut” top help ensure that the wipes don’t dry out

Multitask Electronic Cleaner Presaturated Wipe - MultiClean™

- Mild, economical surface cleaner for electronics, PCBs, tools, machinery and work benches
- Removes solder paste, fluxes, finger prints, uncured epoxy residues, light oils and grease
- 70% Isopropyl alcohol and 30% deionized water saturated wipes
- Heavy duty
- ESD-safe wipe
- No rip, no lint



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-MLCW	203 mm x 127 mm
Refill Bag 100 Wipes	MCC-MLCWR	203 mm x 127 mm

Alcohol-Enhanced Presaturated Wipe - ProClean™

- Non-corrosive, very pure blend, water-free alcohols
- Excellent on lead-free pastes
- Stronger, faster stencil cleaner
- Faster drying, no rinsing required
- Heavy duty, ESD-safe wipe
- No rip, no lint



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-PROW	203 mm x 127 mm
Refill Bag 100 Wipes	MCC-PROWR	203 mm x 127 mm

ESD Presaturated Cleaning Wipes

- Static dissipative lint-free wipes for cleaning ESD mats, bins, benches, tool racks and more
- Thoroughly cleans flux, uncured adhesives, dirt, grease and oils

PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-EC00W	203 mm x 127 mm
Refill Bag 100 Wipes	MCC-EC00WR	203 mm x 127 mm

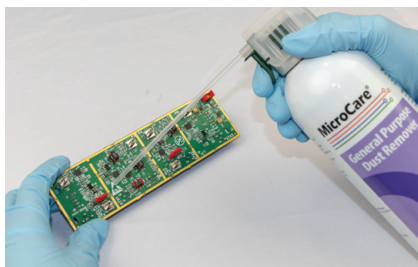




General Purpose Dust Removers

HIGH-PRESSURE COMPRESSED DUSTERS

- ▶ Nonflammable for maximum safety
- ▶ High-purity, leaves no residues
- ▶ Completely ozone-safe



Technical Details

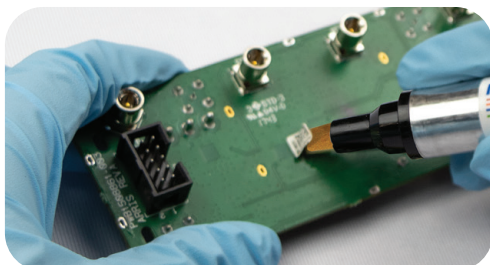
Chemical Family: HFC or HFO | Evaporation: Instant | Nonflammable | VOC Content (g/L): 0
RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-483-4104

PRODUCT	PART NUMBER	PACKAGING	HIGH-PRESSURE BLAST	INVERTIBLE 360° SPRAY	StatZap* COMPATIBLE
General Purpose Dust Remover	MCC-DST14A	Aerosol 14 oz 392g	√	---	---
General Purpose Dust Remover (StatZap* COMPATIBLE)	MCC-DSTZ14	Aerosol 14 oz 392g	---	---	√
General Purpose Dust Remover 360°	MCC-DST08A	Aerosol 8 oz 237g	---	√	---

Please contact MicroCare Asia directly for HFO-based duster

TidyPen 2.1

- ▶ Simple, fast and convenient cleaning
- ▶ Excellent for removing adhesives, tape residues, pressure sensitive marking tags, paper labels, stickers and more
- ▶ Engineered to be ESD safe, suitable for industrial uses on and around electronics



TIDYPEN^{2.1}
The 60-second sticky stuff remover

SIMPLE, FAST AND CONVENIENT CLEANING
Press Tip to Apply Cleaner | Wait, then Scrub | Wipe Clean

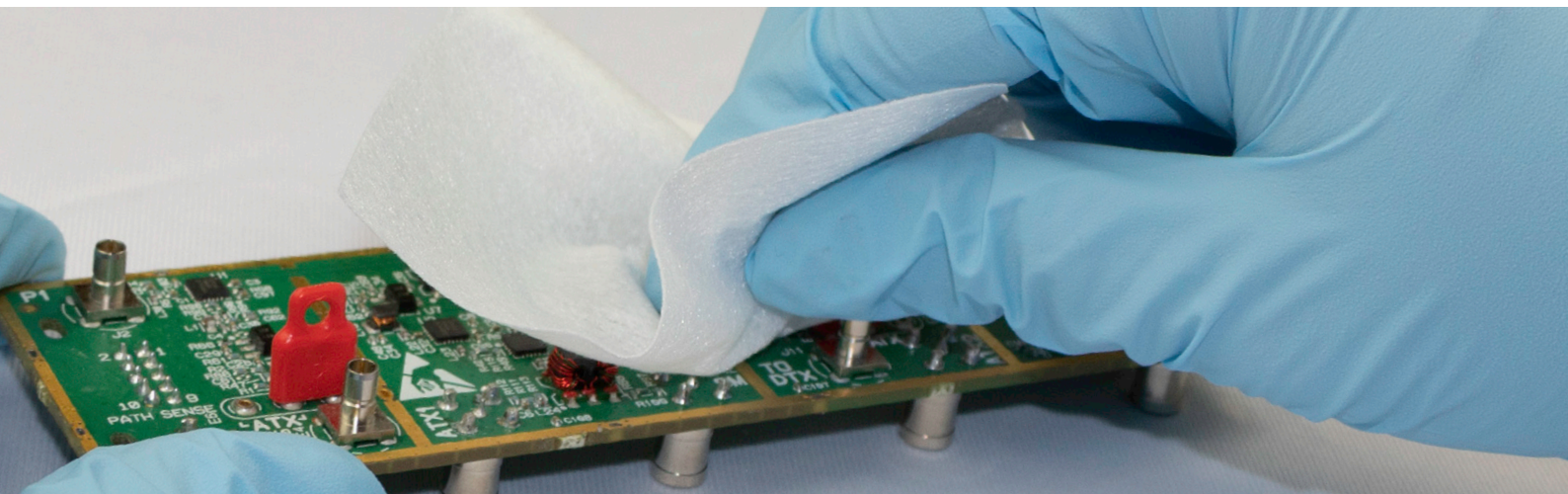


To Extend Nib Life: Remove Nib & Reverse.

Technical Details

Chemical Family: Hydrocarbon | Nonflammable
RoHS/WEEE/REACH/EPA SNAP Compliant
NOTE: Not for sale in California

PRODUCT	PART NUMBER	PACKAGING	VOLUME	WEIGHT
TidyPen™ 2.1	MCC-P02	1 Pen 10 Pens /Case	.5 oz 10 mL	.02 lbs 10 g



Lint-Free Wipes

VARIETY OF SIZES, PACKAGING & WEIGHTS FOR EVERY APPLICATION

- No binders ensuring maximum purity
- Enormous variety of woven, knitted and non-woven choices
- All are high strength, non-linting fabric for max performance
- High-purity packaging available for cleanroom environments
- Optical grades also available

PRODUCT	DESCRIPTION	PART NUMBER	SIZE & PACK TYPE
General Purpose Wipes NSN: 7920-01-428-4372	<ul style="list-style-type: none">• Economical, medium absorption polyester/cellulose wipes• Great for use on the rework bench	MCC-W66	15cm x 15cm 50 Sheets/Bag
	<ul style="list-style-type: none">• Jumbo economy package - lint-free paper wipes• Optimal size for stencil wiping	MCC-W99	23cm x 23cm 300 Sheets/Bag
Optical Grade Wipes	<ul style="list-style-type: none">• High-purity, optical-grade polyester wipes• Sized for more delicate cleaning - optical devices, microscopes and smaller tools	MCC-WF44	10cm x 10cm 50 Sheets/Bag
Stencil Wipes	<ul style="list-style-type: none">• Strong, absorbent synthetic polymer wipes• Sized for the rework bench	MCC-W66DF	15cm x 15cm 300 Sheets/Bag
	<ul style="list-style-type: none">• Stronger synthetic polymer wipes with great lifting ability• Optimal size for stencil wiping	MCC-W99DF	22cm x 22cm 300 Sheets/Bag

For more sizes and materials, contact MicroCare™.

Stencil Cleaning Rolls

EXACT REPLACEMENT TO OEM ROLLS AT COMPETITIVE PRICES

- Unique FP (Fine Pitch) 100% hydrogenated polyester is our heaviest and softest absorbent for fine-pitch stencil printing applications
- Durable and absorbent FP stencil wipes eliminate the need to use solvents during automated under-stencil wiping and reduces roll consumption by extending the wiping cycle

MicroCare™ has many additional rolls and custom configurations. Call for details.

PRINTER	FABRIC	PART NUMBER	SIZE (Approx Length x Width)
EKRA	Premium FP	MCC-J174DA	6.7m x 0.5m
ASM (DEK)	Premium FP	MCC-105DA	9.14m x 0.5m
MPM	Premium FP	MCC-101DA	11.89m x 0.4m
Panasonic	Premium FP	MCC-J154DA	33m x 0.3m





Aqueous Stencil Cleaner

- Removes all types of solder pastes, uncured chip bonder and inks
- Safe for stencils, webbing, frames and misprinted boards
- Fast and thorough cleaning, even inside stencil apertures
- Slow-drying for economical cleaning
- Suitable for use in ultrasonic cleaning tanks
- Nonflammable and non-foaming
- Ready-to-use cleaner does not require dilution



Technical Details

Chemical Family: Water-Based
Nonflammable | VOC Content (gm/L): 209
RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE/SIZE
Aqueous Stencil Cleaner	MCC-BGA	Pump Spray / 340mL
	MCC-BGAP	Cube Container / 14.52L

Reflow Oven Cleaner

- Speeds cleaning of ovens even when hot
- Cleans pallets, baffles, heating elements, clamps, chains, drive gears and housings
- Can be used in dip tanks and ultrasonic cleaners
- Melts away burned-on flux residues from wave solder machines and reflow ovens
- Four times faster than isopropyl alcohol
- Nonflammable and non-foaming



Technical Details

Chemical Family: Water-Based
Nonflammable | VOC Content (gm/L): 50
RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE/SIZE
Reflow Oven Cleaner	MCC-ROC	Pump Spray / 340mL
	MCC-ROCP	Cube Container / 13.61L

Heavy-Duty Transit Cleaner

- Specifically engineered for use on buses, trains, trolleys, elevators and escalator systems
- Extra-strength cleaner easily and quickly removes dirt, grease, oils, inks and organic grime from machinery and metal parts
- No residue/no rinsing
- Nonflammable and fast-drying



Technical Details

Chemical Family: HFC Blend
Nonflammable | VOC Content (gm/L): 757
RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE/SIZE
Heavy-Duty Transit Cleaner	MCC-HDTC19A	540gm Aerosol

Heavy-Duty Degreaser

- Super strong, multipurpose degreaser cleans most oils, wax, grease and some conformal coatings
- Instant drying, low odour
- No residue/no rinsing
- Nonflammable, ESD-safe
- Test on plastics

Excellent 3M Novec[®] Replacement



Technical Details

Chemical Family: HFC Blend
Nonflammable | VOC Content (gm/L): 757
RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACK TYPE/SIZE
Heavy-Duty Degreaser	MCC-HDD19A	540gm Aerosol



Universal Contact Cleaner

RESTORES ELECTRICAL CONTINUITY

Excellent 3M Novec™
Replacement

- ▶ Plastic-safe contact cleaner and circuit rinse
- ▶ Rinses away dust, lint, grit, light oils
- ▶ Ideal for use on connectors, switches, electromechanical parts, circuit boards, cable harnesses, motors, keyboards and windings
- ▶ Dries in seconds with no residue
- ▶ TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFO
Cleaning Strength (Kb): 34
Nonflammable
Evaporation: Fast
VOC Content (g/L): 59
RoHS/WEEE/REACH/EPA SNAP Compliant



PRODUCT	PART NUMBER	PACKAGING
Universal Contact Cleaner	MCC-CCH10A	300g

Circuit Chillers General Purpose & Anti-Static

QUICKLY FIND INTERMITTENT FAULTS IN CIRCUIT BOARDS

- ▶ ESD-safe when used with the StatZap™ tool
- ▶ Leaves ice on the PCB momentarily
- ▶ Chills to lower than -45°C in seconds
- ▶ Nonflammable and ultra-pure

Technical Details

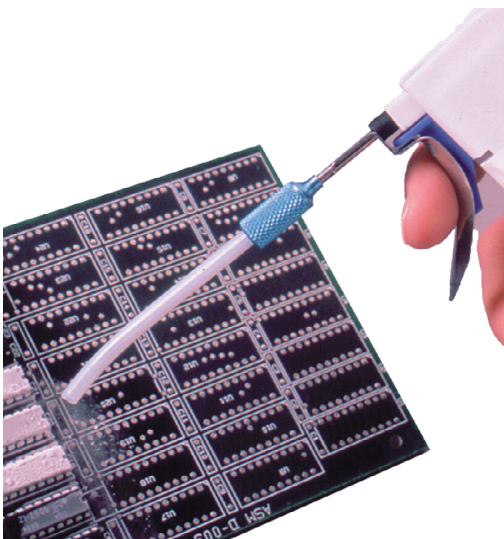
Chemical Family: HFC Blend
Nonflammable
Evaporation: Instant
RoHS/WEEE/ REACH/
EPA SNAP Compliant
NSN: 6850-01-409-2602



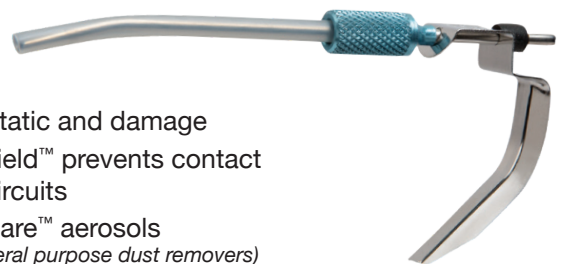
PRODUCT	PART NUMBER	PACKAGING
General Purpose Circuit Chiller	Aerosol MCC-FRZ	280g
Anti-Static Circuit Chiller	Aerosol MCC-FRZA	280g

StatZAP™ ESD Eliminator

ELIMINATES ESD DAMAGE



- ▶ Eliminates ESD static and damage
- ▶ Unique ShockShield™ prevents contact with energized circuits
- ▶ Fits most MicroCare™ aerosols
(Not for use with general purpose dust removers)



Handy dispensing tool designed to dissipate the ESD charge created by aerosol products. The StatZAP™ continuously drains static charges to less than 50 volts so the static can never reach levels dangerous to components and PCBs.

The StatZAP™ does not affect or impair solvent performance.

PRODUCT	PART NUMBER	PACKAGING
StatZAP™ ESD Eliminator	MCC-ZAP	Case of 10



Most no-clean fluxes are more difficult to clean than rosin-based fluxes and pastes. These contaminants require a cleaner that is formulated with aggressive solvency, and possibly using inorganic fluids to fully remove any white residue. MicroCare offers several proven formulations that when used with a properly designed vapour degreaser, can consistently clean difficult-to-clean fluxes. These cleaning fluids are engineered with the right chemical characteristics (boiling point, specific gravity, surface tension, and more) to wet every surface, getting into and out of the tiny nooks and apertures to remove fluxes and contaminants.



WHAT IS VAPOUR DEGREASING?

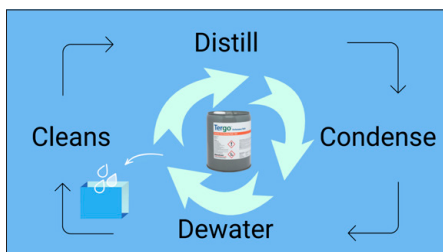
- An industrial cleaning process used to thoroughly clean and dry precision parts such as circuit boards with shrinking surface features
- Simple-to-use, closed-loop and non-aqueous cleaning system
- Utilised as a batch cleaning system in EMS (Electronic Manufacturing) environments

WHY USE VAPOUR DEGREASING?

- Very Effective Cleaning Results
- Safe, Environmentally Accepted
- Improves Manufacturing Efficiency
- Small Footprint, Uses Less Electricity
- Reduces Waste, Cost Effective

HOW DOES VAPOUR DEGREASING WORK?

Compact, efficient, two-sump degreasers boil a solvent producing a vapor. The cold primary condensing coils contain these vapors by cooling the vapor back into a liquid, dissolving soils which then drip away by way of gravity.



SOLVENT RECOVERY SYSTEM ELIMINATES WASTE WATER TREATMENT

A vapour degreasing cleaning system continuously recycles and purifies the solvent for reuse without the need for waste water treatment.

IT IS TIME TO MAKE A CHANGE

MicroCare is the global leader in critical cleaning. We know more about vapor degreasing and cleaning fluids than anybody, so you get the best solution for your unique application.

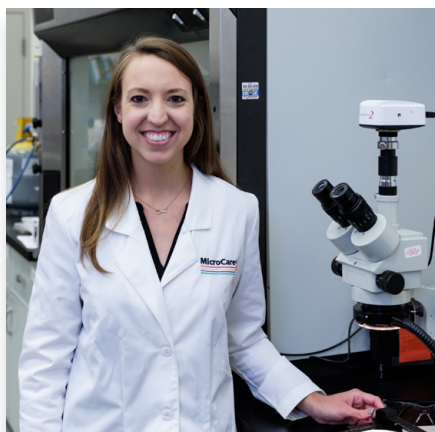


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