



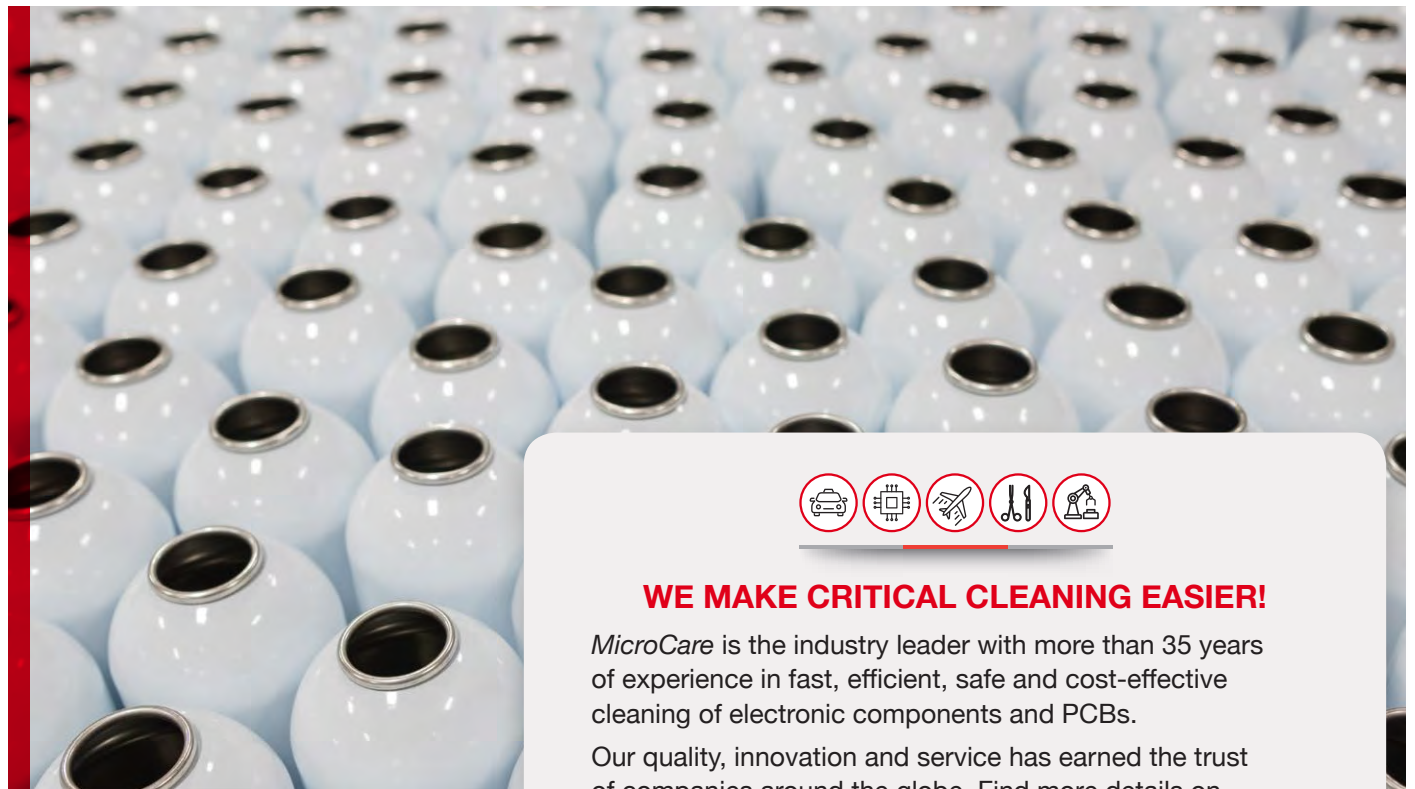
MicroCare™



Discover Perfectly Clean

***Limpieza
para la
industria
electrónica***





WE MAKE CRITICAL CLEANING EASIER!

MicroCare is the industry leader with more than 35 years of experience in fast, efficient, safe and cost-effective cleaning of electronic components and PCBs.

Our quality, innovation and service has earned the trust of companies around the globe. Find more details on the following pages or visit: MicroCareElectronics.com



Discover Perfectly Clean

MicroCare for Electronics Assembly:

- ▶ Reduce manufacturing costs
- ▶ Improve safety and compliance
- ▶ Maximise production efficiencies
- ▶ Minimise defects and waste



Trust the reliable MicroCare Critical Cleaning Lab chemists and field engineers. Through on-site consultation and in-lab cleaning trials, we help you choose the best cleaning fluid for perfectly cleaned parts.

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



MicroCare, ExPoxy, IsoClean, MicroWipe, MultiClean, OPTIXX, PowerClean, ProClean, ScreenClean, ShockShield, SpecClean, StatZAP, SuprClean, TidyPen, TriggerGrip, UltraClean, VeriClean, CleanWipes, the MicroCare logo, the Optixx logo and the TidyPen logo are trademarks or registered trademarks of MicroCare Corp.

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Compare our best selling electronics cleaners on two important characteristics:
SAFETY & CLEANING STRENGTH

NONFLAMMABLE Flux Removers



FLUX REMOVER	Best On	Cleaning Strength (Kb)	Plastic Safe	TriggerGrip™ Compatible	Odour	Drying Speed	VOC Content
General Purpose Flux Remover C <i>MCC-FRC107 (pg. 4)</i>	No Clean / Rosin / Water Soluble	25 (Medium)	Test	√	Low	Fast	590 g/L
Universal <i>MCC-UFR107 (pg. 6)</i>	Rosin	34 (Medium)	Test	√	Slight	Fast	59 g/L
PowerClean™ Lead-Free <i>MCC-PW2101 (pg. 8)</i>	Lead-Free	115 (Very Strong)	Test	√	Low	Fast	1,080 g/L

FLAMMABLE Flux Removers



FLUX REMOVER	Best On	Cleaning Strength (Kb)	Plastic Safe	TriggerGrip™ Compatible	Odour	Drying Speed	VOC Content
VeriClean™ No Clean <i>MCC-DC1107 (pg. 5)</i>	No Clean	18 (Mild)	Yes	√	Slight	Fast	87 g/L
IsoClean™ IPA-Based <i>MCC-BAC127 (pg. 5)</i>	No Clean / Rosin / Water Soluble	20 (Mild)	Yes	√	Alcohol	Medium	785 g/L
ProClean™ Alcohol-Enhanced <i>MCC-PRO127 (pg. 6)</i>	No Clean / Rosin / Water Soluble	45 (Medium)	Yes	√	Alcohol	Slow	785 g/L
UltraClean™ VOC-Free <i>MCC-VOC107 (pg. 7)</i>	No Clean / Lead Free	56 (Strong)	Test	√	Low	Medium	0 g/L
Polar <i>MCC-PFR107 (pg. 7)</i>	No Clean / Resin	72 (Strong)	Test	√	Acetone	Slow	600 g/L
SuprClean™ Heavy Duty <i>MCC-SPR2127 (pg. 8)</i>	Rosin	110 (Very Strong)	Test	√	Low	Fast	1,080 g/L



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 Flux Removers are TriggerGrip compatible.



General Purpose Flux Remover - Flux Remover C

SUPERIOR RESULTS ON NO-CLEAN AND ROSIN FLUXES

- ▶ 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: HFE Blend | Cleaning Strength (Kb): 25 | Nonflammable
Evaporation: Fast | VOC Content (g/L): 590 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
General Purpose Flux Remover C	MCC-FRC107	300 g (214 mL) Aerosol
	MCC-FRC2G	4.54 kg (3.79 L) Minipail
	MCC-FRC2P	22.68 kg (18.93 L) Pail
	MCC-FRC2D	226.8 kg (208.2 L) Drum



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 (g/L): 87
 RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
No-Clean Flux Remover VeriClean™	NEW SIZE! MCC-DC1PEN	1 Pen (10 mL)
	MCC-DC1107	284 g (341 mL) Aerosol
	NEW SIZE! MCC-DC1157	425 g (616 mL) Aerosol
	MCC-DC1G	2.72 kg (3.79 L) Minipail
	MCC-DC1P	14.52 kg (18.93 L) Pail
	MCC-DC1D	149.69 kg (208.2 L) Drum



NEW Unique Packaging



**NOW AVAILABLE IN
A CONVENIENT CLEANING PEN**

NO CLEAN FLUX REMOVER CLEANING PEN

FOR SPOT-CLEANING
NO-CLEAN FLUXES ON PCBS

- ▶ Best on no-clean fluxes, silicone oils, coatings, grease, adhesives and inks
- ▶ Mild cleaner with a low odour and fast drying time

Part Number: MCC-DC1PEN



IPA-Based Flux Remover - IsoClean™

IDEAL FOR WATER-BASED, ROSIN AND NO-CLEAN FLUXES

- ▶ Use for general cleaning of stencils, PCBs, workbenches
- ▶ Economical choice
- ▶ 99.8% Isopropyl alcohol for more consistent cleaning
- ▶ Mild strength, medium-drying, mild alcohol odour
- ▶ TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Alcohol | Cleaning Strength (Kb Value): 20
 Flammable | Evaporation: Medium | VOC Content (g/L): 785
 RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
IPA-Based Flux Remover IsoClean™	MCC-BAC127	340 g (409 mL) Aerosol
	MCC-BACG	2.72 kg (3.79 L) MiniCube Container
	MCC-BACP	14.52 kg (18.93 L) Cube Container
	MCC-BACD	161.03 kg (208.2 L) Drum



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 (g/L): 785
 RoHS/WEEE/REACH/EPA SNAP Compliant

Also available in:
Presaturated Wipes
 Strong & Lint-Free
 Part No: MCC-PROW
 Page 13



PRODUCT		PART NUMBER	PACKAGING
Alcohol-Enhanced Flux Remover ProClean™	NEW SIZE!	MCC-PROPEN	1 Pen (10 mL)
		MCC-PRO127	340 g (392 mL) Aerosol
	NEW SIZE!	MCC-PRO167	454 g (528 mL) Aerosol
		MCC-PROGI	2.72 kg (3.79 L) Pail
		MCC-PROPI	14.52 kg (18.93 L) Pail
		MCC-PROD	161.03 kg (208.2 L) Drum

NEW Unique Packaging



NOW AVAILABLE IN
 A CONVENIENT CLEANING PEN

WATER SOLUBLE FLUX REMOVER CLEANING PEN

MAKES TOUCH-UP CLEANING OF ORGANIC ACID FLUXES FAST & EASY

- ▶ Cleans rosin, water based and no-clean fluxes and fresh chip bonder
- ▶ Medium strength with an alcohol odour & slow drying time

Part Number: MCC-PROPEN



Universal Flux Remover

EXCELLENT FOR NO-CLEAN AND ROSIN FLUX RESIDUE

- ▶ Also removes oils, grease, fingerprints and silicone
- ▶ Nonflammable for better safety
- ▶ No 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 (g/L): 59 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
Universal Flux Remover	MCC-UFR107	300 g (242 mL) Aerosol

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 (g/L): 600 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
Polar Flux Remover	MCC-PFR107	300 g (225 mL) Aerosol



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

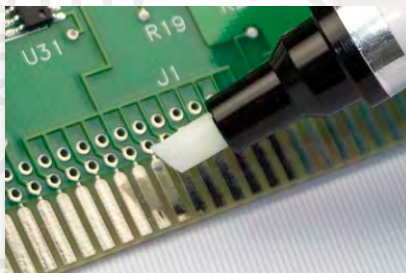
Technical Details

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

PRODUCT	PART NUMBER	PACKAGING
VOC-Free Flux Remover UltraClean™	MCC-VOC107	284 g (316 mL) Aerosol



 **NEW**



RMA FLUX REMOVER CLEANING PEN

REMOVES THE TOUGHEST, HEAVY AGED & BURNED-ON SOLDER PASTES

- ▶ Good at removing polar and ionic activators in rosin, RA and RMA fluxes
- ▶ Strong cleaner with an acetone odour & slow drying time

PRODUCT	PART NUMBER	PACKAGING
RMA FLUX REMOVER PEN	MCC-RMAPEN	1 Pen (10 mL)



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
- ▶ 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: HFE Blend | Cleaning Strength (Kb): 110
 Flammable | Evaporation: Fast | VOC Content (g/L): 1080
 RoHS/WEEE/REACH/EPA SNAP Compliant

Flammable

PRODUCT	PART NUMBER	PACKAGING
Heavy Duty Flux Remover SuprClean™ Aerosol	MCC-SPR2127	340 g (350 mL) Aerosol



Technical Details

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

Nonflammable

PRODUCT	PART NUMBER	PACKAGING
Heavy Duty Flux Remover SuprClean™ Bulk	MCC-SPR2G	4.53 kg (3.79 L) Minipail
	MCC-SPR2P	22.68 kg (18.93 L) Pail
	MCC-SPR2D	226.8 kg (208.2 L) Drum



Lead-Free Flux Remover - PowerClean™

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

- ▶ Removes white residue commonly found when cleaning 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 (g/L): 1080 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
Lead-Free Flux Remover PowerClean™	MCC-PW2101	300 g (236 mL) Aerosol
	MCC-PW3G	4.53 kg (3.79 L) Minipail
	MCC-PW3P	22.68 kg (18.93 L) Pail



General Purpose & General Purpose Economy Dust Removers

HIGH-PRESSURE COMPRESSED DUSTERS



- Widely used to blow away dry dust & lint from PCBs, optics, machinery, circuitry & keyboards
- High-purity, leave no residues

Technical Details

Chemical Family: HFO | Evaporation: Instant | Nonflammable
 VOC Content (g/L): 0 | RoHS/WEEE/REACH/EPA SNAP Compliant

Nonflammable

PRODUCT	PART NUMBER	PACKAGING
General Purpose Dust Remover	MCC-DST107	280 g (231 mL) Aerosol

Technical Details

Evaporation: Instant | Flammable | VOC Content (g/L): 550
 RoHS/WEEE/REACH/EPA SNAP Compliant

NEW Flammable

PRODUCT	PART NUMBER	PACKAGING
General Purpose Economy Dust Remover	MCC-DST147	250 g (455 mL) Aerosol

General Purpose Cleaner & Adhesive Remover

NEW

NATURAL, BIODEGRADABLE, STRONG CLEANING PERFORMANCE

- Reintroducing Slow-Drying Flux Remover (MCC-EC7M)
- Cleans fluxes, conformal coatings, adhesives, dirt, moisture & light oxides from circuit boards
- Slow drying time helps with cleaning stubborn fluxes & adhesives; dries residue-free
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Terpene Hydrocarbon | Cleaning Strength (Kb Value): 67 | Flammable
 Evaporation: Slow | VOC Content (g/L): 736 | RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
General Purpose Cleaner & Adhesive Remover	MCC-SDF107	284 g (386 mL) Aerosol



Universal Contact Cleaner

RESTORES ELECTRICAL CONTINUITY

- 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-CCH107	300 g (242 mL) Aerosol

Circuit Chillers General Purpose

QUICKLY FIND INTERMITTENT FAULTS IN CIRCUIT BOARDS

- ESD-safe
- Leaves frost on the PCB momentarily
- Chills to lower than -45°C in seconds
- Nonflammable and ultra-pure

Technical Details

Chemical Family: HFO Blend
 Nonflammable | Evaporation: Instant
 RoHS/WEEE/REACH/EPA SNAP Compliant



PRODUCT	PART NUMBER	PACKAGING
General Purpose Circuit Chiller	MCC-FRZ107	284 g (242.7 mL) Aerosol



TriggerGrip™ Dispensing Tool

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

The unique TriggerGrip™ PCB cleaning tool fits onto most MicroCare aerosol cans. It improves benchtop cleaning results, improves worker productivity, reduces waste, protects the environment, enhances worker safety and cuts production costs.

▶ Watch the *TriggerGrip* Tutorial at microcare.com/tgt



- ▶ 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 Standard Natural Bristle Brush (MCC-RBNB)	MCC-ESD	1 Tool/Box 10 Boxes/Case

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



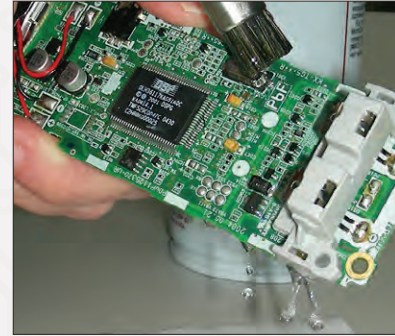
CONNECT

- ▶ Remove the tamper-proof seal off the top of the can
- ▶ Connect the 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

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



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 Surface 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



PRODUCT	PART NUMBER	PACKAGING
MultiTask Surface Cleaner - MultiClean™	MCC-MLCW	100 Wipes, 203 mm x 127 mm
Refill	MCC-MLCWR	100 Wipes, 203 mm x 127 mm



ESD Presaturated Cleaning Wipes

NEW

The ESD Cleaning Wipe provides fast and safe cleaning in almost any production environment. Static dissipative lint-free wipes for cleaning ESD mats, bins, benches, tool racks and more. Thoroughly cleans flux, uncured adhesives, dirt, grease and oils.

- ▶ Non-corrosive, very pure blend, water-free alcohols
- ▶ Presaturated and static dissipative lintfree wipes for cleaning ESD mats, bins, benches, tool racks and more
- ▶ Thoroughly cleans flux, uncured adhesives, dirt, grease and oils
- ▶ Environmental friendly formula
- ▶ Nonflammable, no IPA formula
- ▶ Does not dry out or flash near a heat source
- ▶ Heavy duty, ESD-safe wipe
- ▶ No rip, no lint



PRODUCT	PART NUMBER	PACKAGING
ESD Presaturated Cleaning Wipes	MCC-EC00W	100 Wipes, 203 mm x 127 mm
Refill	MCC-EC00WR	100 Wipes, 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



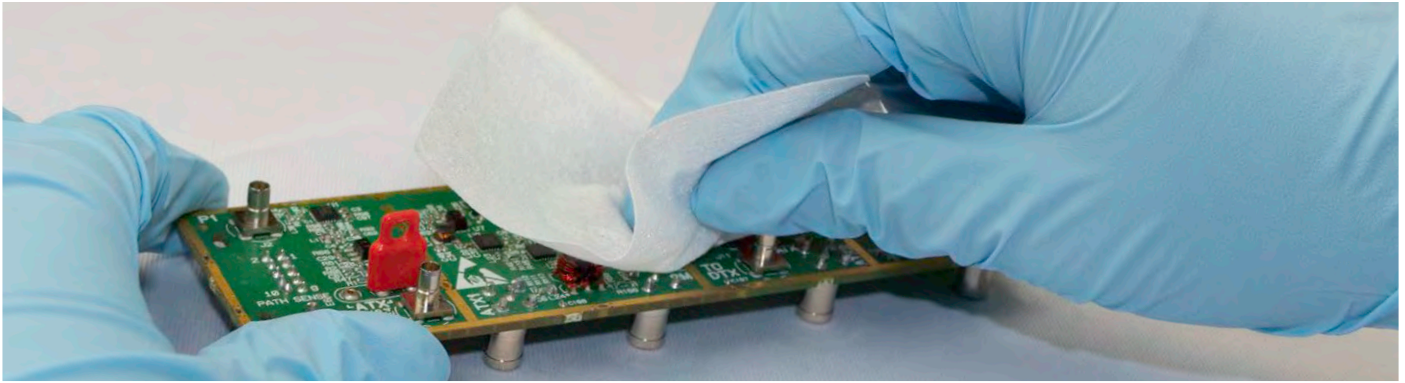
PRODUCT	PART NUMBER	PACKAGING
Alcohol-Enhanced - ProClean™	MCC-PROW	100 Wipes, 203 mm x 127 mm
Refill	MCC-PROWR	100 Wipes, 203 mm x 127 mm

Uncured Epoxy Cleaner Presaturated Wipe - Exproxy™

- ▶ The strongest stencil cleaner and degreaser
- ▶ Removes uncured epoxy, cured chip bonder, grease, solder paste, light oils and some inks
- ▶ Water and alcohol mix
- ▶ Heavy duty, ESD-safe wipe
- ▶ No rip, no lint



PRODUCT	PART NUMBER	PACKAGING
Uncured Epoxy Cleaner - Exproxy™	MCC-EPXW	100 Wipes, 203 mm x 127 mm
Refill	MCC-EPXWR	100 Wipes, 203 mm x 127 mm



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 & PACKAGING
General Purpose Wipes	<ul style="list-style-type: none"> • Economical, medium absorption polyester/cellulose wipes • Great for use on the rework bench 	MCC-W66	152 mm x 152 mm 50 Sheet / Bag
	<ul style="list-style-type: none"> • Non-woven polyester wipes - strong, absorbent, bulky and soft • For heavy-duty, nonabrasive applications 	MCC-W66CP	152 mm x 152 mm 300 Sheets / Bag
	<ul style="list-style-type: none"> • Jumbo economy package - lint-free paper wipes • Optimal size for stencil wiping 	MCC-W99	228 mm x 228 mm 300 Sheets / Bag
Fiber Optic & Photonic Device 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	101 mm x 101 mm 50 Sheets / Bag
Stencil Wipes	<ul style="list-style-type: none"> • Relatively low linting • Good purity polyester/cellulose wipes 	MCC-W11	216 mm x 279 mm 100 Sheets / Bag
	<ul style="list-style-type: none"> • A larger polyester/cellulose wipe for faster cleaning • Textured for better scrubbing 	MCC-W12	305 x 406 mm 50 Sheets / Bag
	<ul style="list-style-type: none"> • Strong, absorbent synthetic polymer wipes • Sized for the rework bench 	MCC-W66DF	152 mm x 152 mm 300 Sheets / Bag



FP (Fine Pitch) Stencil Cleaning Rolls

EXACT REPLACEMENT TO OEM ROLLS AT COMPETITIVE PRICES

- ▶ Unique MicroCare™ FP fabric for fine-pitch stencil printing applications
- ▶ Durable and absorbent FP stencil wipes eliminate the need to use solvents during automated understencil wiping
- ▶ Reduces roll consumption and shortens cleaning cycle

PRODUCT	PART NUMBER	SIZE
MPM Premium FP	MCC-101DA	11.89 m (length) x .45 m (width) (39 ft x 18 in)
DEK Premium FP	MCC-105DA	9.14 m (length) x .53 m (width) (30 ft x 20.89 in)
EKRA Premium FP	MCC-J174DA	6.7 m (length) x .5 m (width) (22 ft x 19.68 in)



OPTIXX™ Lens & Instrument Cleaning Kit



- ▶ Use on high-precision optical lenses, mirrors, prisms, solar cells, laser hardware and scientific instruments
- ▶ Cleans dust, oil and grime, pyrotechnic soot moisture from glass, metals, plastic and coatings
- ▶ Eliminates “static cling” that attracts dust
- ▶ Non-aerosol pump ships anywhere as “non-hazardous / not regulated”

PRODUCT	PART NUMBER	PACKAGING
OPTIXX™ Precision Lens & Instrument Screen Cleaning Kit	MCC-OTXCK	Cleaning Kit: Cleaning Fluid & Cleaning Wipes

TidyPen™ Adhesive & Label Remover

THE 60-SECOND STICKY STUFF REMOVER

- ▶ Simple, fast and convenient cleaning
- ▶ Excellent for removing adhesives, tape residues, pressure sensitive marking tags, paper labels, stickers, EPROM labels and Kapton® residues
- ▶ Extremely cost-effective



Technical Details

Chemical Family: Terpene Hydrocarbons
 Cleaning Strength: 67
 Flammable | VOC Content (g/L): 840
 RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
TidyPen™ Adhesive & Label Remover - 1 pen	MCC-PO1	1 Pen / Box 100 Boxes / Case
TidyPen™ Adhesive & Label Remover- 5 pen pack	MCC-PEN	5 Pens / Box 20 Boxes / Case
TidyPen™ Chisel-Point Nibs	MCC-P4OC	Bag of 25
TidyPen™ Pen-Point Nibs	MCC-P40P	Bag of 25

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 (g/L): 50
 RoHS/WEEE/REACH/EPA SNAP Compliant

PRODUCT	PART NUMBER	PACKAGING
Reflow Oven Cleaner (Refillable)	MCC-ROC	340 g (260 mL) Pump Spray
	MCC-ROCG	3.18 kg (3.79 L) Cube Container
	MCC-ROCP	13.61 kg (18.39 L) Cube Container
	MCC-ROCD	197.78 kg (208.2 L) Drum

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



Technical Details

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

PRODUCT	PART NUMBER	PACKAGING
Aqueous Stencil Cleaner (Refillable)	MCC-BGA	340 g (260 mL) Pump Spray
	MCC-BGAG	3.18 kg (3.79 L) Cube Container
	MCC-BGAP	14.52 kg (18.39 L) Cube Container
	MCC-BGAD	181 kg (208.2 L) Drum



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