



Discover Perfectly Clean



ELECTRONICS ASSEMBLY

*Products for Faster, Safer and
More Consistent Cleaning*

MicroCare™

Discover Perfectly Clean

WE MAKE CRITICAL CLEANING EASIER!

MicroCare is the industry leader with more than 35 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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BULK PACKAGING

PRODUCTS ARE AVAILABLE IN A VARIETY OF SIZES TO MEET YOUR SPECIFIC NEEDS.



DRUM
55 GALLON



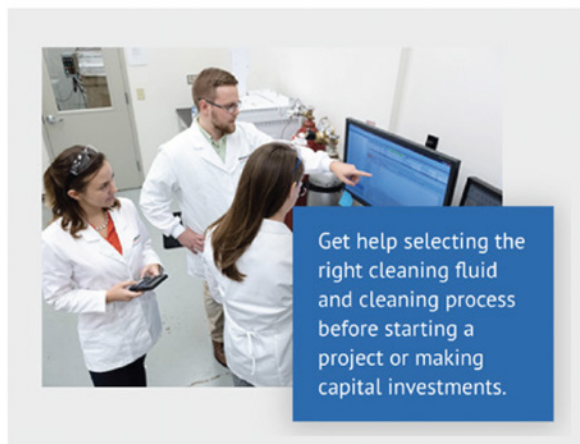
PAIL
5 GALLON
MINI PAIL
1 GALLON



CUBE
5 GALLON
MINI CUBE
1 GALLON



PLASTIC JUG
5 GALLON
MINI PLASTIC JUGS
1 GALLON



Get help selecting the right cleaning fluid and cleaning process before starting a project or making capital investments.



ON-SITE
CLEANING AUDITS

IN-LAB
CLEANING TRIALS

DETAILED CLEANING
RECOMMENDATIONS

CONTACT US FOR MORE INFO!



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	TRIGGER-GRIP™ COMPATIBLE	ODOR	DRYING SPEED	VOC CONTENT
General Purpose Flux Remover C MCC-FRC (pg. 4)	No-Clean / Rosin / Water Soluble	25 (Medium)	Test	✓	Low	Fast	590 g/L
Universal MCC-UFR10A (pg. 6)	Rosin	34 (Medium)	Test	✓	Slight	Fast	59 g/L
SuprClean™ Heavy Duty MCC-SPR (pg. 8)	Rosin	110 (Very Strong)	Not Likely	✓	Low	Fast	1,080 g/L
PowerClean™ Lead-Free MCC-PW210A (pg. 8)	Lead-Free	115 (Very Strong)	Not Likely	✓	Low	Fast	747 g/L

FLAMMABLE Flux Removers

FOR LOWER COST



FLUX REMOVER	BEST ON	CLEANING STRENGTH (KB)	PLASTIC SAFE	TRIGGER-GRIP™ COMPATIBLE	ODOR	DRYING SPEED	VOC CONTENT
VeriClean™ No-Clean MCC-DC1 (pg. 5)	No-Clean	18 (Mild)	Yes	✓	Slight	Fast	87 g/L
IsoClean™ IPA-Based MCC-BAC (pg. 5)	No-Clean / Rosin / Water Soluble	20 (Mild)	Yes	✓	Alcohol	Medium	785 g/L
ProClean™ Alcohol-Enhanced MCC-PRO (pg. 7)	No-Clean / Rosin / Water Soluble	45 (Medium)	Yes	✓	Alcohol	Slow	785 g/L
UltraClean™ VOC-Free MCC-VOC10A (pg. 7)	No-Clean / Lead-Free	56 (Strong)	Test	✓	Low	Medium	0 g/L
Slow Drying Citrus-Based MCC-EC7M (pg. 9)	No-Clean / Rosin / Water Soluble	67 (Strong)	Not Likely	✓	Citrus	Slow	840 g/L
Polar MCC-PFR10A (pg. 7)	No-Clean / Rosin	72 (Strong)	Test	✓	Acetone	Slow	184 g/L

ALL AEROSOL
FLUX REMOVERS
are *TriggerGrip™*
compatible.

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.**

Heavy Duty Flux Remover
SuprClean™ see page 8

Lint-Free Wipes

Variety of Sizes, Packaging &
Weights for Every Application.
see page 16

TriggerGrip™ Cleaning System
see pages 10 & 11

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 odor
- ▶ *TriggerGrip™* cleaning system compatible

Technical Details

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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-FRC	10.5 oz 214 mL	.66 lbs 300 g
Minipail	MCC-FRCG	1 Gallon 3.79 L	10 lbs 4.54 kg
Pail	MCC-FRCP	5 Gallon 18.93 L	50 lbs 22.68 kg
Drum	MCC-FRCD	55 Gallon 208.2 L	500 lbs 226.8 kg



IPA-Based Flux Remover - IsoClean™

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

- Use for general cleaning of stencils, PCBs and workbenches
- Economical choice
- 99.8% Isopropyl alcohol for more consistent cleaning
- Mild strength, medium-drying, mild alcohol odor
- 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

Also available in:
Presaturated Wipes
 Strong & Lint-Free
 PN# MCC-BACW
 Page 13

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-BAC	12 oz 355 mL	.75 lbs 340 g
Plastic Bottle	MCC-BACJG	1 Gallon 3.79 L	6 lbs 2.72 kg
Cube Container	MCC-BACG	1 Gallon 3.79 L	6 lbs 2.72 kg
Cube Container	MCC-BACP	5 Gallon 18.93 L	32 lbs 14.52 kg
Drum	MCC-BACD	55 Gallon 208.2 L	355 lbs 161.03 kg



**BEST
SELLER**

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 odor
- 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 | NSN: 6850-01-447-4799

PRO TIP!
JUMBO SIZE:
15-20% saving
per ounce!

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Pen	MCC-DC1PEN	.5 oz 10 mL	.02 lbs 8 g
Aerosol	MCC-DC1	10 oz 295 mL	.61 lbs 284 g
Aerosol	MCC-DC115A	15 oz 443 mL	.9 lbs 425 g
Minipail	MCC-DC1G	1 Gallon 3.79 L	6 lbs 2.72 kg
Pail	MCC-DC1P	5 Gallon 18.93 L	32 lbs 14.52 kg
Drum	MCC-DC1D	55 Gallon 208.2 L	330 lbs 149.69 kg



No-Clean Flux Remover Pen



Cleaning pen delivers quick, controlled, spot-on cleaning
 (see pg. 9)
 Part Number: MCC-DC1PEN



Universal Flux Remover

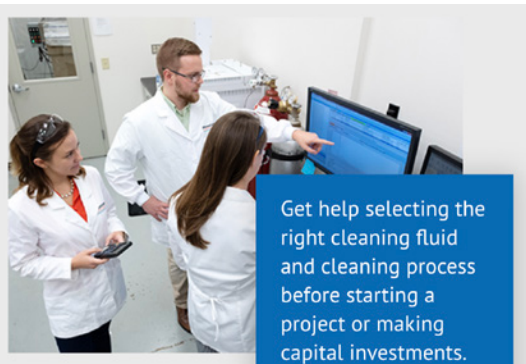
EXCELLENT FOR NO-CLEAN AND ROSIN FLUX RESIDUE

- Also removes oils, grease, fingerprints and silicone
- Nonflammable for better safety
- Low VOCs, low global warming
- Medium strength, fast drying
- 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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-UFR10A	10.5 oz 295 mL	.66 lbs 300 g



Get help selecting the right cleaning fluid and cleaning process before starting a project or making capital investments.



Cleaning application scientists answer your questions

Polar Flux Remover

**BEST
SELLER**

IDEAL FOR REMOVING HEAVY/AGE-HARDENED ROSIN, RA & RMA FLUXES

- Cleans heavy, aged flux
- Removes polar & ionic activators
- Fast, extra-strength cleaning
- High purity, dries residue-free
- Excellent silicone remover
- TriggerGrip™ cleaning system compatible

Technical Details

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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-PFR10A	10.5 oz 295 mL	.66 lbs 300 g



RMA Flux Remover Pen



Cleaning pen delivers quick, controlled, spot-on cleaning
(see pg. 9)
Part Number: MCC-RMAPEN



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
- ▶ 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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-VOC10A	10 oz 295 mL	.62 lbs 284 g
Minipail	MCC-VOCG	1 Gallon 3.79 L	6 lbs 2.72 kg
Pail	MCC-VOCP	5 Gallon 18.93 L	32 lbs 14.52 kg
Drum	MCC-VOCD	55 Gallon 208.2 L	330 lbs 149.69 kg



Alcohol-Enhanced Flux Remover - ProClean™

BEST
SELLER

GREAT ON 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 odor
- ▶ 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 | NSN: 6850-01-361-0867

Also available in:
Presaturated Wipes
Strong & Lint-Free
PN# MCC-PROW
Page 13



PACKAGING	PART NUMBER	VOLUME	WEIGHT
Pen	MCC-PROPEN	.5 oz 10 mL	.02 lbs 8 g
Aerosol	MCC-PRO	12 oz 355 mL	.75 lbs 340 g
Aerosol	MCC-PRO16A	16 oz 473 mL	1 lbs 454 g
Cube Container	MCC-PROG	1 Gallon 3.79 L	6 lbs 2.72 kg
Cube Container	MCC-PROP	5 Gallon 18.93 L	32 lbs 14.52 kg
Drum	MCC-PROD	55 Gallon 208.2 L	355 lbs 161.03 kg



Water Soluble Flux Remover Pen



Cleaning pen delivers quick, controlled, spot-on cleaning
(see pg. 9)

Part Number: MCC-PROPEN



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 odor
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: HFC Blend | Cleaning Strength (Kb): 115 | Nonflammable | Evaporation: Fast
VOC Content (g/L): Aerosol 747; Bulk 1017 | RoHS/WEEE/REACH/EPA SNAP Compliant
NSN: 6850-01-361-0867

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-PW210A	10.5 oz 295 mL	.66 lbs 300 g
Minipail	MCC-PW2G	1 Gallon 3.79 L	6 lbs 2.72 kg
Pail	MCC-PW2P	5 Gallon 18.93 L	50 lbs 22.7 kg
Drum	MCC-PW2D	55 Gallon 208.2 L	500 lbs 226.8 kg



Heavy Duty Flux Remover - SuprClean™

**BEST
SELLER**

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 odor
- TriggerGrip™ cleaning system compatible

Technical Details

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

PRO TIP!

**JUMBO SIZE:
15-20% saving
per ounce!**

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-SPR	12 oz 355 mL	.75 lbs 340 g
Aerosol	MCC-SPR19A	19 oz 561 mL	1.2 lbs 540 g
Minipail	MCC-SPRG	1 Gallon 3.79 L	10 lbs 4.54 kg
Pail	MCC-SPRP	5 Gallon 18.93 L	50 lbs 22.68 kg
Drum	MCC-SPRD	55 Gallon 208.2 L	500 lbs 226.8 kg



HEAVY DUTY ROSIN FLUX REMOVER SUPRCLEAN™ has a low viscosity and low surface tension, making it perfect for reworking today's tight-fitting components, including BGA chips. It gets under components, dissolves flux residue and rinses it away.

Aerosol Cans are compatible with:

TriggerGrip™ Cleaning Tool see page 10 & 11

StatZAP™ ESD Eliminator Tool see page 18





The Industry's **BEST FLUX REMOVERS** in convenient cleaning pens

NO CLEAN FLUX REMOVER

Cleaning Pen



IDEAL 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 odor and fast drying time

WATER SOLUBLE FLUX REMOVER

Cleaning Pen



MAKES TOUCH-UP CLEANING OF OA FLUXES FAST AND EASY

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

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 odor and a slow drying time

DESCRIPTION	PART NUMBER	VOLUME	WEIGHT
No Clean Flux Remover Cleaning Pen	MCC-DC1PEN	.5 oz 10 mL	.02 lbs 8 g
Water Soluble Flux Remover Cleaning Pen	MCC-PROPEN	.5 oz 10 mL	.02 lbs 8 g
RMA Flux Remover Cleaning Pen	MCC-RMAPEN	.5 oz 10 mL	.02 lbs 8 g

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 (g/L): 840 | RoHS/WEEE/REACH/EPA SNAP Compliant | NSN: 6850-01-549-3821

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-EC7M	10 oz 295 mL	.62 lbs 284 g
Minipail	MCC-EC7MG	1 Gallon 3.79 L	6 lbs 2.72 kg
Pail	MCC-EC7MP	5 Gallon 18.93 L	35 lbs 15.87 kg
Drum	MCC-EC7MD	55 Gallon 208.2 L	390 lbs 176.9 kg





Circuit Board Cleaning Station Kit

EVERYTHING YOU NEED FOR EFFECTIVE PCB CLEANING ON THE BENCHTOP

This kit replaces other improvised, ineffective cleaning methods that waste solvent and expose workers to fumes.

- ▶ TriggerGrip™ Dispensing Tool controls the fluid flow to reduce consumption by 66%
- ▶ Strong and fast-drying SuprClean™ cleaning fluid cleans boards thoroughly
- ▶ Lint-free wipes dry boards without leaving fuzz behind
- ▶ Bench mounting bracket safely keeps cleaning fluid handy and ready-to-use

KIT CONTAINS:

- ▶ 1 - TriggerGrip™ Dispensing Tool
MCC-ESD
- ▶ 1 - 12 oz Can Heavy Duty Flux Remover - SuprClean™
MCC-SPR
- ▶ 2 - 50 pack of 4" x 4" High Performance Lint-Free Wipes
MCC-WF44
- ▶ 1 - Bench Mounting Kit
MCC-BK3



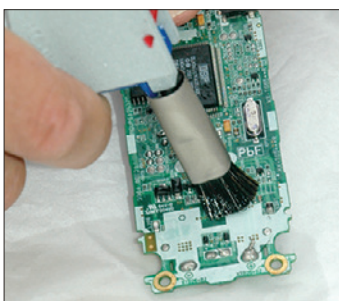
DESCRIPTION	PART NUMBER	PACKAGING
Circuit Board Cleaning Station with Heavy Duty Flux Remover - SuprClean™	MCC-CBCSK	1 Kit/Box 10 Boxes/Case

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



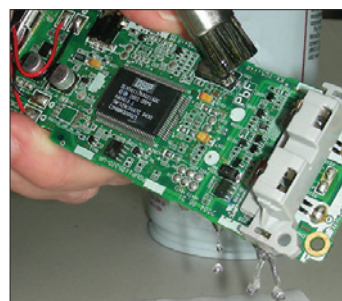
CONNECT

- ▶ Pop 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™ 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.

- Fresh, pure fluid cleans and rinses away contaminants
- Scrubbing brush gets into tight spaces
- Slashes solvent use by 66% - targets dirty areas and eliminates overspray
- Minimizes cleaning fluid odor
- Empties the can completely – no waste



▸ Watch the *TriggerGrip* Tutorial at microcare.com



DESCRIPTION	PART NUMBER	PACKAGING
TriggerGrip™ Dispensing Tool & One Standard Natural Bristle Brush (MCC-RBNB) NSN: 4940-01-361-0859	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
- 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

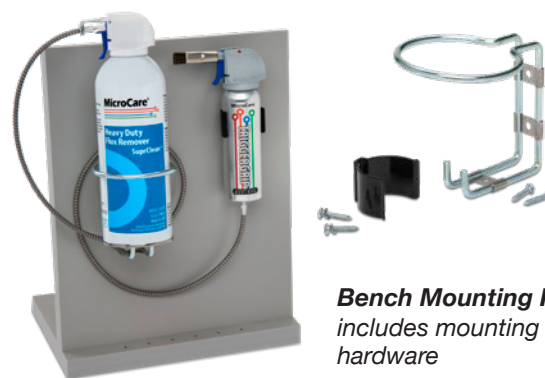


NSN: 3439-01-428-3240

DESCRIPTION	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

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

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

PRESATURATED WIPES & REFILLS



"Slam -Shut" lid keeps wipes wet longer, for an extended service life.

MicroCare Presaturated IPA Wipes are now available in **NEW** standard weight, 175-count tubs to save you more!

STANDARD PRESATURATED IPA WIPE TUBS

- ▶ Standard-weight, lint free tear resistant wipes are saturated with high-purity IPA
- ▶ General purpose cleaning for manufacturing environments including material handling equipment, workbenches, cabinets, tools and most hard surfaces
- ▶ Cleans organic and ionic residue, light oils and other contaminants commonly found in manufacturing
- ▶ ESD-safe

PRO TIP!

MONEY-SAVING REFILLS

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



NEW

STANDARD Presaturated IPA Wipes

**70% HIGH PURITY ISOPROPYL ALCOHOL
30% DEIONIZED WATER**



NEW

STANDARD Presaturated IPA Wipes

99.8% HIGH PURITY ISOPROPYL ALCOHOL



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 175 Wipes	MCC-IPA70W	8" x 5"
Refill Bag 175 Wipes	MCC-IPA70WR	8" x 5"

PACKAGING	PART NUMBER	SIZE of WIPE
Tub 175 Wipes	MCC-IPA99W	8" x 5"
Refill Bag 175 Wipes	MCC-IPA99WR	8" x 5"

NOT FOR SALE TO CONSUMERS IN CALIFORNIA, ONLY FOR USE IN MANUFACTURING PROCESSES.

MultiTask Electronic Cleaner Presaturated Wipes - MultiClean™

**BEST
SELLER**

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Wipes are presaturated with 70% high-purity isopropyl alcohol and 30% deionized water
- Best choices for stencil cleaning, PCB assemblies; removes solder paste from squeegee blades & spatulas
- Cleans organic and ionic residues, light oils and other contaminants
- ESD-safe; unlimited shelf life on unopened packages



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-MLCW	8" x 5"
Refill Bag 100 Wipes	MCC-MLCWR	8" x 5"

Alcohol-Enhanced Presaturated Wipes - ProClean™

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Wipes are presaturated with a very pure blend of water-free alcohols
- Excellent on lead-free pastes; strong stencil cleaner
- Faster drying, no rinsing required
- ESD safe



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-PROW	8" x 5"
Refill Bag 100 Wipes	MCC-PROWR	8" x 5"

IPA-Based Presaturated Wipes - IsoClean™

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Wipes are presaturated with 100% reagent-grade isopropyl alcohol for stronger cleaning
- Affordably priced cleaner for fluxes, pastes and light oils
- ESD safe



PACKAGING	PART NUMBER	SIZE of WIPE
Tub 100 Wipes	MCC-BACW	8" x 5"
Refill Bag 100 Wipes	MCC-BACWR	8" x 5"

Stencil, Squeegee & Misprint Cleaner Presaturated Wipes - ScreenClean™

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Presaturated wipes are engineered for removing inks; excellent replacement for acetone and other ink removing solvents
- ESD safe



ESD Presaturated Cleaning Wipes

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Static dissipative presaturated wipes for cleaning ESD mats, bins, benches, tool racks & more
- Thoroughly cleans flux, uncured adhesives, dirt, grease and oils without drying out materials

PRODUCT	PACKAGING	PART NUMBER	SIZE of WIPE
Stencil, Squeegee & Misprint Cleaner Presaturated Wipe - ScreenClean™	Tub 100 Wipes	MCC-CDIW	8" x 5"
ESD Presaturated Cleaning Wipe	Tub 100 Wipes	MCC-EC00W	8" x 5"
	Refill Bag 100 Wipes	MCC-EC00WR	8" x 5"
Uncured Epoxy Cleaner Presaturated Wipe - Expoxy™	Tub 100 Wipes	MCC-EPXW	8" x 5"
	Refill Bag 100 Wipes	MCC-EPXWR	8" x 5"

Uncured Epoxy Cleaner Presaturated Wipes - Expoxy™

- Premium high-strength 100% PET polyester wipes are lint-free and tear resistant
- Wipes are presaturated with a water and alcohol mix to remove uncured epoxy, cured chip bonder, grease, solder paste, light oils and some inks
- ESD safe

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 (g/L): 757
RoHS/WEEE/REACH/EPA SNAP Compliant

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-HDTC19A	19 oz 561 mL	1.19 lbs 540 g

Heavy-Duty Degreaser

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



Technical Details

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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-HDD19A	19 oz 561 mL	1.19 lbs 540 g

99% Isopropyl Alcohol (IPA)

- Ultra pure, economical and effective cleaner
- Medium drying speed for maximum cleaning time
- Plastic safe and ESD safe
- Familiar cleaning, handling and odor



Technical Details

Chemical Family: Alcohol
Flammable | VOC Content (g/L): 785
RoHS/WEEE/REACH/EPA SNAP Compliant

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Plastic Jug	MCC-BACFG	1 Gallon 3.79 L	6 lbs 2.7 kg
Plastic Bottle	MCC-BACPP	5 Gallon 18.93 L	32 lbs 14.5 kg

General Purpose Degreaser

- Medium-strength fluid engineered for manual cleaning
- Degreases metal, plastic and ceramic parts
- Can be used as a defluxer for cleaning electronics during post reflow assembly
- Removes organics including oil, grease, fingerprints, grime and rosin-based and no-clean fluxes
- Non corrosive, static safe and leaves no residues



Technical Details

Chemical Family: Mixed Hydrocarbon
Flammable | Evaporation: Slow
RoHS/WEEE/REACH/EPA SNAP Compliant

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Minipail	MCC-AXLG	1 Gallon 3.79 L	6 lbs 2.7 kg
Pail	MCC-AXLP	5 Gallon 18.93 L	32 lbs 14.5 kg
Drum	MCC-AXLD	55 Gallon 208 L	365 lbs 165 kg

TIDYPEN²

The 60-second sticky stuff remover



NEW & IMPROVED formulation

Removes anything sticky including adhesives, labels, grease, oils, solder flux and tape residue.

- Engineered to be ESD safe, suitable for industrial uses on and around electronics
- Dries without residue or ghosting
- Quick and easy to use

The *TidyPen²* is a strong adhesive cleaning fluid packaged in a convenient, portable pen.

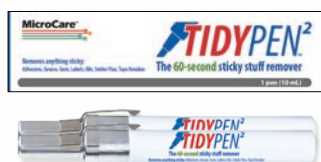
Easy to use, the *TidyPen²* dispenses fluid when pressed onto a surface ensuring the fluid is used effectively with no waste to eliminate messy applications, spills, odors and fumes.

SIMPLE, FAST AND CONVENIENT CLEANING

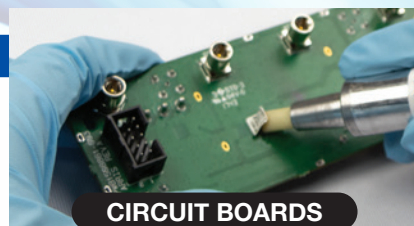
Press Tip to Apply Cleaner | Wait, then Scrub | Wipe Clean



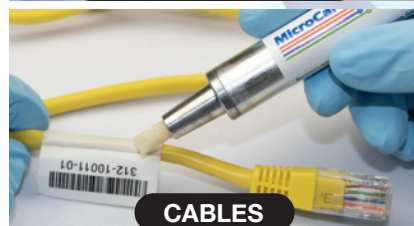
To Extend Nib Life: Remove Nib & Reverse.



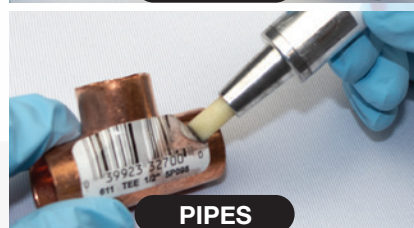
All packaging is designed to fit in a vending machine.



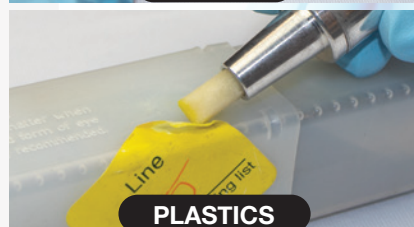
CIRCUIT BOARDS



CABLES



PIPES



PLASTICS



METALS

These aluminum pens are ESD-safe, spill-proof & easily recycled.

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	MCC-P02	1 Pen 10 Pens /Case	.5 oz 10 mL	.02 lbs 10 g
	MCC-PEN2	5 Pen Pack 10 Packs /Case	--	--
Chisel-Point Nibs	MCC-P40C	Bag of 25	--	--
Pen-Point Nibs	MCC-P40P	Bag of 25	--	--



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
- ▶ Economy E is a lighter weight, paper-based fabric with a cellulose content

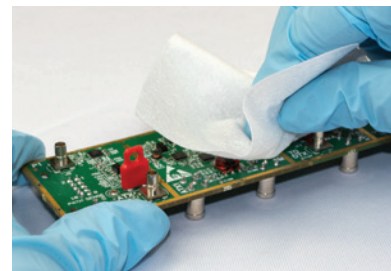
MicroCare™ has many additional rolls and custom configurations. Call for details.

PRINTER	FABRIX	PART NUMBER	SIZE (Approx Length x Width)
EKRA	Premium FP	MCC-J174DA	22 ft x 19.7 in 6.7 m x .5 m
ASM (DEK)	Premium FP	MCC-105DA	30 ft x 20.8 in 9.14 m x .5 m
MPM	Premium FP	MCC-101DA	39 ft x 18 in 11.89 m x .4 m
Panasonic	Premium FP	MCC-J154DA	108 ft x 13.7 in 33 m x .3 m
MPM	Economy E	MCC-101TEA	39 ft x 18 in 11.89 m x .4 m
MPM	Economy E	MCC-101TEA4	130 ft x 17.5 in 39.5 m x .44 m

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 PACK QUANTITY	SIZE of WIPE
BEST SELLER General Purpose Wipes NSN: 7920-01-428-4372	• Economical, medium absorption polyester/cellulose wipes • Great for use on the rework bench • Electronics-grade SMT lint-free wipes	MCC-W66 50 Wipes MCC-W99 300 Wipes	6 in x 6 in 152 mm x 152 mm 9 in x 9 in 228 mm x 228 mm
	• Non-woven polyester wipes - strong, absorbent, bulky and soft • For heavy-duty, nonabrasive applications	MCC-W66CP 300 Wipes MCC-W99CP 300 Wipes	6 in x 6 in 152 mm x 152 mm 9 in x 9 in 228 mm x 228 mm
Composite Wipes	• Great cleaning at low cost • Multi layers of cellulose between polypropylene (very soft & fluffy for extra absorption) • Resists damage from abrasion	MCC-W88 100 Wipes	8 in x 8 in 203 mm x 203 mm
Optical Grade Wipes	• High-purity, optical-grade polyester wipes • Sized for more delicate cleaning - optical devices, microscopes and smaller tools	MCC-WF44 50 Wipes	4 in x 4 in 101 mm x 101 mm
Stencil Wipes	• Relatively low linting • Good purity polyester/cellulose wipes	MCC-W11 100 Wipes	8.5 in x 11 in 216 mm x 279 mm
	• A larger polyester/cellulose wipe for faster cleaning • Textured for better scrubbing	MCC-W12 50 Wipes	12 in x 17 in 305 mm x 432 mm
	• Strong synthetic polymer wipes with great lifting ability • 6 in x 6 in - Sized for the rework bench • 9 in x 9 in - Optimal size for stencil wiping	MCC-W66DF 300 Wipes MCC-W99DF 300 Wipes	6 in x 6 in 152 mm x 152 mm 9 in x 9 in 228 mm x 228 mm

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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Pump Spray	MCC-BGA	16 oz 260 mL	.75 lbs 340 g
Cube	MCC-BGAG	1 Gallon 3.79 L	7 lbs 3.18 kg
Cube	MCC-BGAP	5 Gallon 14.52 L	32 lbs 14.52 kg
Drum	MCC-BGAD	55 Gallon 208.2 L	400 lbs 181 kg

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

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Pump Spray	MCC-ROC	16 oz 260 mL	.75 lbs 340 g
Cube	MCC-ROCG	1 Gallon 3.79 L	7 lbs 3.18 kg
Cube	MCC-ROCP	5 Gallon 14.52 L	30 lbs 13.61 kg
Drum	MCC-ROCD	55 Gallon 208.2 L	436 lbs 197.78 kg

MultiTask Surface Electronic Cleaner MultiClean™

- Removes solder paste, flux residues, fingerprints, uncured epoxy residues, light oils and grease, organic and ionic residue and light oils
- Suitable for cleaning a variety of surfaces and the working environment
- Cleans medical devices, electronics, stencils, work benches, tools, production machinery, and any surface that requires hygienic grade cleaning



VDX Dry Lubricant Spray

- PTFE dry lubricant spray provides a dry, slippery coating
- Reduces “stiction” and wear associated with surface-to-surface movement
- Non-migrating spray stays where it is applied
- Use on metals, plastics and ceramics
- Nonflammable and no odor



PACKAGING	PART NUMBER	VOLUME	WEIGHT
Pump Spray	MCC-MLC16	12 oz 391 mL	.75 lbs 340 g
Plastic Jug	MCC-MLCJG	.85 Gallon 3.2 L	6 lbs 2.72 kg
Plastic Container	MCC-MLCPP	4.5 Gallon 17.1 L	32 lbs 14.52 kg

PACKAGING	PART NUMBER	VOLUME	WEIGHT
Aerosol	MCC-VDX	12 oz 354 mL	.75 lbs 340 g



CONTACT CLEANER & CIRCUIT CHILLER

Universal Contact Cleaner

**BEST
SELLER**

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



PACKAGING	PART NUMBER	PACKAGING
Aerosol	MCC-CCH10A	10.5 oz 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

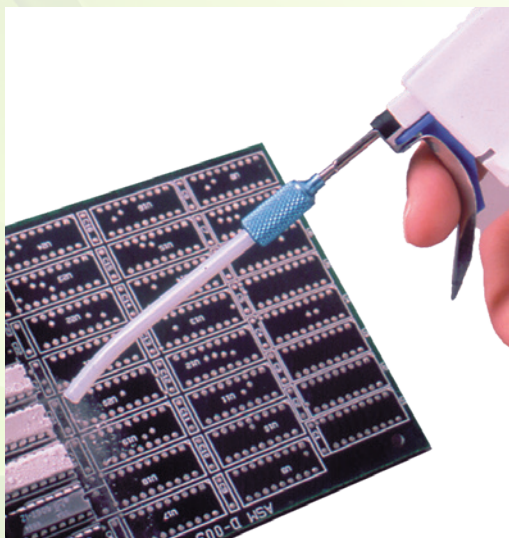
Chemical Family: HFC Blend
Nonflammable
Evaporation: Instant
RoHS/WEEE/ REACH/
EPA SNAP Compliant
NSN: 6850-01-409-2602



PRODUCT	PART NUMBER	PACKAGING
General Purpose	Aerosol MCC-FRZ	10 oz 280g
Anti-Static	Aerosol MCC-FRZA	10 oz 280g

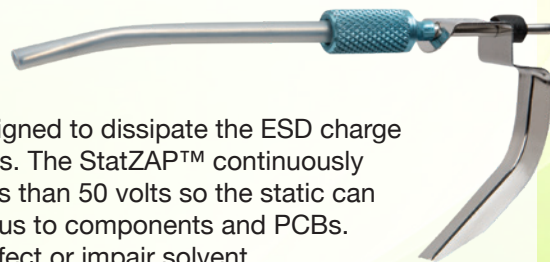
StatZAP™ ESD Eliminator

ELIMINATES ESD DAMAGE



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.

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



PART NUMBER	PACKAGING
MCC-ZAP	Case of 10

GENERAL PURPOSE DUST REMOVERS



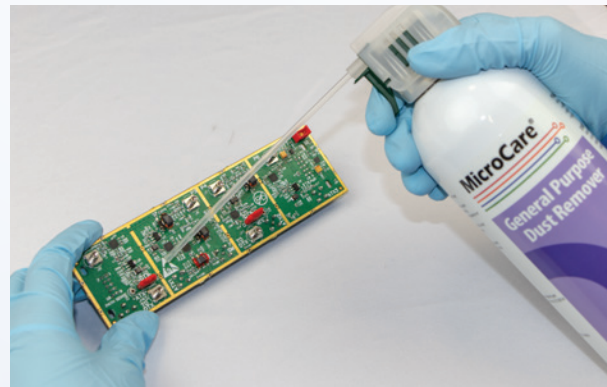
- ▶ **Nonflammable for maximum safety**
- ▶ **High-purity, leaves no residues**
- ▶ **Completely ozone-safe**



The 360° style can be sprayed at any angle to simplify cleaning.



Each aerosol delivers a powerful dry blast of a clear, non-flammable gas to blow dust, lint, fibers, powder and grit away. The surface remains dry during cleaning.



These high-pressure compressed dusters are widely used to remove dry dust and lint from PCBs, optics, machinery, circuitry and keyboards.

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-DST	Aerosol 10 oz 280g	√	---	---
	MCC-DST14A	Aerosol 14 oz 392g	√	---	---
General Purpose Dust Remover (StatZap* COMPATIBLE)	MCC-DSTZ	Aerosol 10 oz 280g	---	---	√
	MCC-DSTZ14	Aerosol 14 oz 392g	---	---	√
General Purpose Dust Remover 360°	MCC-DST08A	Aerosol 8 oz 237g	---	√	---

MicroCare™



Discover Perfectly Clean

EXPERTISE YOU CAN TRUST



Cleaning application scientists answer your questions

The MicroCare application scientists are well-versed in critical cleaning methods and fluids. On-site regional sales managers and in-house chemists offer you the know-how to solve your critical cleaning problems.



ON-SITE
CLEANING AUDITS



IN-LAB
CLEANING TRIALS

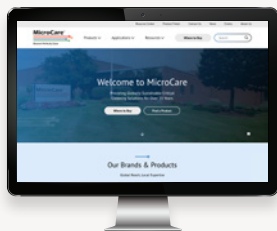


DETAILED CLEANING
RECOMMENDATIONS



Sustainable products for a better future

Let us help you establish a sustainable cleaning process with minimal volatile organic compound (VOC) and low global warming potential (GWP) cleaning fluids. Get reliable cleaning performance and meet stringent local, national and global environmental policies.



Stay informed at MicroCareElectronics.com

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