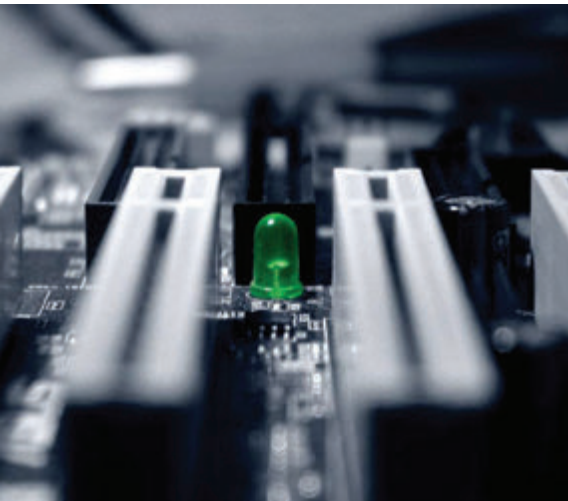




Discover Perfectly Clean.



PRODUCT CATALOG

MicroCare® International

TriggerGrip™ Cleaning System

A Money Saving System.



- Enhanced Cleaning Performance: Delivers better cleaning because each TriggerGrip™ combines the mechanical scrubbing action of a brush with a fresh, pure solvent.
- Cost Savings: Saves money by reducing solvent consumption an average of 50% or more. The aerosol cans guaranteed to empty completely, eliminating waste.
- Fast: Speeds cleaning, improving throughput.
- Simple: Allows the operator to easily rinse after cleaning — a critical step in board cleaning which is often missed.



Easily attaches to most MicroCare® aerosols.



Scrubbing action enhances cleaning.



Rinsing the board perfects the cleaning.

Bench Mounting Kit

- Organizes work bench
- Keeps aerosol can from tipping and falling
- Use with Trigger Grip™ cleaning system
- Attaches to wall, work bench or post (as seen in image to the right)
- ESD-Safe



Includes a can holder, screws and TriggerGrip™ holder.

Customized brushes for every application.

TriggerGrip™ Standard Replacement Natural Bristle



TriggerGrip™ Slo-Flo Natural Bristle



TriggerGrip™ Surface Mount Brush



TriggerGrip™ Long-Nose Brush for connectors



TriggerGrip™ Surface Mount, Soft Bristle (Camel Hair)



TriggerGrip™ Spray-Thru Syringe for cleaning under tight stand-off



MicroCare® Cleaning Tools	Part Number	Units
TriggerGrip™ Cleaning System	MCC-ESD	Case of 10
Bench Mounting Kit	MCC-BK3	Each

TriggerGrip™ Replacement Brushes	Part Number	Units
TriggerGrip™ Brush, Standard Replacement, Natural Bristle	MCC-RBNB	Box of 5
TriggerGrip™ Brush, Slo-Flo, Natural Bristle	MCC-RBNB2	Box of 5
TriggerGrip™ Brush, Surface Mount, Natural Bristle	MCC-SMB	Box of 5
TriggerGrip™ Brush, Surface Mount, Soft Bristle (Camel Hair)	MCC-SQB	Box of 5
TriggerGrip™ Brush, Long-Nose Brush	MCC-LNB	Box of 5
TriggerGrip™ Brush Spray-Thru Syringe (.035 O.D.)	MCC-SR35	Box of 5

VOC-Free Flux Remover - UltraClean™



- VOC-Exempt formula
- Halogen-Free
- Highly-effective on no-clean fluxes
- Also removes rosin-based fluxes, pastes, and silicone residues on circuit boards
- Medium-drying speed
- No residues/no rinsing
- Strongest non-chlorinated/halogen-free cleaner
- Plastic-safe
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Siloxanes
 Cleaning Strength (Kb): 56
 Evaporation Rate: Medium
 Safety Rating: Flammable
 VOC Content (g/L): 0

No-Clean Flux Remover - VeriClean®



- Best on no-clean fluxes and pastes
- Also very good on light oils, grease and many adhesives
- Dissolves silicone oils, coatings and adhesives quickly and safely
- Recommend for removal of silicone conformal coatings
- No residue/no rinsing
- Plastic-safe
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Siloxane
 Cleaning Strength (Kb): 18.5 (Est.)
 Evaporation Rate: Medium
 Safety Rating: Flammable
 VOC Content (g/L): 86

Product	Part Number	Pack Type	Weight
VOC-Free Flux Remover - UltraClean™	MCC-VOCI0A	240g Aerosol	-
	MCC-VOCP	20 Liter Pail	14.5 kg
	MCC-VOCD	200 Liter Drum	150 kg

Product	Part Number	Pack Type	Weight
No-Clean Flux Remover - VeriClean®	MCC-DC1	284g Aerosol	-
	MCC-DC1P	20 Liter Pail	14.5 kg
	MCC-DC1D	200 Liter Drum	150 kg

Alcohol-Enhanced Flux Remover - ProClean™



- Low-cost cleaner for rosin, water based and no-clean fluxes
- Also use on solder pastes, fluxes and fresh chip bonder
- Slow drying increases cleaning time when working with baked-on flux residues
- Alcohol blend delivers increased cleaning strength compared to isopropyl alcohol
- Reduces ionic contamination
- ESD-safe, Plastic-safe
- No residue/no rinsing
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Alcohol
 Cleaning Strength (Kb): 25 (Est.)
 Evaporation Rate: Slow
 Safety Rating: Flammable
 VOC Content (g/L): 785
 NSN: 6850-01-361-0867

Slow Drying Flux Remover, Citrus-Based EC7M



- Natural, biodegradable citrus-based cleaner
- Cleans fluxes, conformal coatings, adhesives, residues, glues, dirt, moisture, dust and light oxides
- Also excellent silicone remover
- No residue/no rinsing
- Test on plastics
- TriggerGrip™ cleaning system compatible

Technical Details

Chemical Family: Terpene Hydrocarbon
 Cleaning Strength (Kb): 67
 Evaporation Rate: Slow
 Safety Rating: Combustible
 VOC Content (g/L): 890

Product	Part Number	Pack Type	Weight
Alcohol-Enhanced Flux Remover - ProClean™	MCC-PRO127	340g Aerosol	-
	MCC-PROP	20 Liter Cubitainer	14.5 kg
	MCC-PROD	200 Liter Drum	16 kg

Product	Part Number	Pack Type	Weight
Slow-Drying Flux Remover - Citrus Based	MCC-EC7M	284g Aerosol	-
	MCC-EC7MP	20 Liter Pail	16 kg
	MCC-EC7MD	200 Liter Drum	175 kg

General Purpose Degreaser - Axarel 2200



- Medium-strength degreaser for metals, plastics, ceramics and more
- Proven cleaner, for more than 20 years
- Removes oils, light grease, particulate
- Halogen-Free
- Slow-drying, for economical cleaning
- No residues/no rinsing
- Generally plastic-safe
- TriggerGrip™ cleaning system compatible

Technical Details
 Chemical Family: Hydrocarbons
 Cleaning Strength (Kb): 115
 Safety Rating: Flammable
 Evaporation: Medium-slow
 VOC Content (g/L): 785

Product	Part Number	Pack Type	Weight
General Purpose Degreaser - Axarel® 2200	MCC-AXL	300g Aerosol	--
	MCC-AXLP	20 Liter Pail	14.5 kg
	MCC-AXLD	200 Liter Drum	165 kg

Electrical Contact Cleaner



- Nonconductive, plastic-safe contact cleaner and circuit rinse
- Rinses light oils, dust, lint and grit from connectors, switches, electromechanical parts, PCBs and motor windings
- Dries in seconds with no residue
- Safe on circuit boards, cable harnesses, motors and keyboards
- Displaces moisture
- No odor, nonflammable
- TriggerGrip™ cleaning system compatible
- StatZap™ compatible

Technical Details
 Chemical Family: HFC
 Cleaning Strength (Kb): 18
 Safety Rating: Nonflammable
 Evaporation: Fast
 VOC Content (g/L): 0

Product	Part Number	Pack Type	Weight
Electrical Contact Cleaner	MCC-CCC101	300g Aerosol	--
	MCC-CCCP	20 Liter Pail	14.5 kg
	MCC-CCCD	200 Liter Drum	227 kg

Reflow Oven Cleaner



- Speeds cleaning of ovens, pallets and wave solder machines even when hot
- Melts away burned-on flux residues
- Also cleans baffles, heating elements, clamps, chains, drive gears and housings
- Activated by the residual heat of the oven
- Non-foaming; suitable for use in cleaning tanks

Technical Details
 Chemical Family: Water Based
 Safety Rating: Nonflammable
 VOC Content: (g/L) 495

Product	Part Number	Pack Type	Weight
Reflow Oven Cleaner	MCC-ROC	340g Pump Spray	-
	MCC-ROCP	20 Liter Cubitainer	15 kg
	MCC-ROCD	200 Liter Drum	198 kg

Aqueous Stencil Cleaner



- Removes all types of raw solder pastes, uncured chip bonder and ink
- Safe for stencils, webbing, frames, misprints
- Nonflammable
- Slow-drying
- Non-foaming; suitable for use in ultrasonic cleaning tanks

Technical Details
 Chemical Family: Water-Based
 Safety Rating: Nonflammable
 VOC Content (g/L): 209

Product	Part Number	Pack Type	Weight
Aqueous Stencil Cleaner	MCC-BGA	340g Pump Spray	-
	MCC-BGAP	20 Liter Cubitainer	15 kg
	MCC-BGAD	200 Liter Drum	182 kg

TidyPen® Adhesive & Label Remover



- Excellent on adhesives, tape residues, pressure sensitive tags, labels, stickers, EPROM labels and Kapton® residues
- Simple to use, fast and convenient
- Cost-effective and ESD-safe

Technical Details

Chemical Family: Terpene Hydrocarbons
 Cleaning Strength (Kb): 67
 Safety Rating: Combustible
 VOC Content (g/L): 890

Product	Part Number	Units
TidyPen Adhesive & Label Remover	MCC-PO1	10 Pen Box
TidyPen Chisel-Point Nibs	MCC-P4OC	Bag of 25
TidyPen Pen-Point Nibs	MCC-P40P	Bag of 25

Circuit Chillers



- Circuit chillers locate intermittent faults on circuit boards.
- Chills to <-45°C in seconds
- Nonflammable

Circuit Chiller and Dust Remover Technical Details:

Chemical Family: HFC
 Safety Rating: Nonflammable
 Evaporation: Instant
 VOC Content (g/L): MCC-DST = 0, MCC-FRZ = 0, MCC-FRZA = 12

Product	Part Number	Pack Type
General Purpose Dust Remover	MCC-DST	280g Aerosol
General Purpose Circuit Chiller	MCC-FRZ	280g Aerosol
Anti-Static Circuit Chiller	MCC-FRZA	280g Aerosol
StatZAP™ ESD Eliminator	MCC-ZAP	Case of 10

Dust Removers

- Dust removers blow dust and grit from machinery and circuits
- Nonflammable High-pressure
- High-purity



* StatZAP™ ESD Eliminator can be used on all MicroCare® aerosol cans, except for MCC-DST

Alcohol-Enhanced Presaturated Wipes - ProClean™



- Stronger, faster stencil cleaner
- Very pure blend, water-free alcohols
- No rinsing required
- Excellent on lead-free pastes

MultiTask Surface Cleaner Presaturated Wipes - MultiClean™



- Removes solder paste, flux residues, finger prints, uncured epoxy residues, light oils and grease
- Most economical
- Water and alcohol mix
- ESD-safe

Refill Wipes



- Saves 30% over a new presaturated tub by re-using the packaging, eliminating waste and protecting the environment

Product	Part Number	Packaging
Alcohol-Enhanced - ProClean™	MCC-PROW	Container & 100 Wipes, 216 mmx 216mm
	MCC-PROWR	Refill - 100 Wipes, 216 mmx 216mm
MultiTask Surface Cleaner - MultiClean™	MCC-MLCW	Container & 100 Wipes, 216 mmx 216mm
	MCC-MLCWR	Refill - 100 Wipes, 216 mmx 216mm

Dry Wipes



- No binders or glues ensuring maximum purity
- Knitted or non-woven fabrics
- Available in a variety of sizes, packaging and weight for every application
- High strength, non-linting or shredding
- High purity packaging available for cleanroom environments
- Optics grade available

MicroWipe™ Products	Part Number	Packaging	Size
Circuit Board Cleaning Wipes	MCC-WF44	50 Sheets/Bag	230 mm x 230 mm
Circuit Board Cleaning Wipes	MCC-W66DF	300 Sheets/Bag	230 mm x 230 mm
Lint-Free Wipes: Medium Density	MCC-W66	55 Sheets/Bag	150 mm x 150 mm
Lint-Free Wipes: Ultra-Soft	MCC-W66CP	300 Sheets/Bag	150 mm x 150 mm
Lint-Free Wipes: Medium Density	MCC-W12	50 Sheets/Bag	300 mm x 430 mm
Lint-Free Wipes	MCC-W99	300 Sheets/Bag	230 mm x 230 mm
Stencil Cleaning Wipes	MCC-W99DF	300 Sheets/Bag	230 mm x 230 mm
Stencil Cleaning Wipes	MCC-W99	300 Sheets/Bag	230 mm x 230 mm
Stencil Cleaning Wipes	MCC-W11	100 Sheets/Bag	300 mm x 230 mm
Industrial Cleaning Wipes	MCC-W810		230 mm x 230 mm

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MicroCare® Circuit Board Cleaning Station



Engineered for a better cleaning process:

Wet, Scrub, Rinse, Dry

MicroCare® Cleaning Tools	Part Number	Units
MicroCare® Circuit Board Cleaning Station	MCC-CBCSK	Case of 10

REACH/Regulatory Compliance

MicroCare provides compliant Safety Data Sheets (SDS) for all MicroCare products factory imported into the EU and complies with applicable GHS and CLP regulations. Contact MicroCare for details.

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