

# Soldering Chemicals

## Dusters

### ITW Chemtronics

#### Ultrajet® Dusters

These compressed gas dusters have the biggest air blast of any non-CO2 duster. Use to instantly clean surfaces of contaminants. Non-flammable, non-abrasive, residue-free, and Ozone friendly. Ideal for AV equipment, FAX machines, keyboards, photo equipment, and other electronic equipment. The All-Way duster blasts from any angle. The Ultrajet 70 duster has a wide-area spray range.

- Ultrajet Duster, 10 oz. can  
No. CHM-ES1020 .....\$17.98
- Ultrajet All Way Duster, 8 oz. can  
No. CHM-ES1620 .....\$15.77
- Ultrajet 70 Duster, 10 oz. can  
No. CHM-ES1015 .....\$13.47



### ITW Chemtronics

#### 152a Dusters

HFC-152a-based duster quickly removes light dust and debris. For use on powered-down, de-energized connectors, contacts and relays. Residue free, won't scratch delicate surfaces. Contains no Ozone depleting compounds. Flammable. 10 oz. Aerosol.  
No. CHM-ES1027 .....\$7.53



### MicroCare

#### Big-Blast™ Duster

Ozone-safe dry circuit cleaner. High pressure spray. Convenient trigger sprayer on each can. Nontoxic, nonflammable. 14 oz./392g Aerosol.  
No. MCI-MCC-DST14A .....\$13.14

### TECHSPRAY

#### Non-Flammable Duster

Exceptionally pure, moisture-free inert gas removes particles without harmful solvents.

- 10 oz. Aerosol  
No. TSI-1671-10S .....\$14.14
- 15 oz. Aerosol  
No. TSI-1671-15S .....\$22.52
- 10 oz. Refill Can  
No. TSI-1671-10RS ....\$12.10



Reusable Chrome Trigger Valve  
No. TSI-1928....\$43.15



### TECHSPRAY

#### Vortex™ 360° Invertible Duster

This high velocity duster formulated with Non-Flammable HFC-134a, can be inverted and sprayed in any direction without threat of dispensing liquid on valuable equipment. Ideal for removing lint, dust, and other contaminants in hard-to-reach places.  
No. TSI-1697-8S .....\$17.84



### TECHSPRAY

#### Economy Duster

HFC-152a based economy duster has 32% more sprays at 20% less cost than regular 10 oz. can. All the blasting power you need for quick dust removal. Flammable.

- 10 oz. Aerosol  
No. TSI-1673-10S .....\$7.48



## Freezers

### TECHSPRAY

#### Freezer & Anti-Static Freezer

Non-flammable, rapidly evaporating liquid cools to -62°F (-40°F for 1747-10S) for troubleshooting intermittent component faults, cold solder joints, cracked printed circuit boards or corroded junctions. Anti-static freezer includes anti-static agent for working with static sensitive parts. Contains no CFC or HCFC for zero Ozone depletion potential. Leaves zero residue and will not contaminate substrates. 10-oz. Aerosol.

- 10 oz. Freezer  
No. TSI-1672-10S .....\$15.16
- 15 oz. Freezer  
No. TEC-1672-15S .....\$24.55
- 10 oz. Anti-Static Freezer  
No. TSI-1747-10S .....\$20.79



### ITW Chemtronics

#### Freez-It® & Freez-It® Antistat

- Safe on plastics
- Non-Flammable
- Ozone safe, CFC/HCFC free
- Pinpoint spray isolates individual components
- Anti static formulation ideal for use on static sensitive components
- Rapidly cools components to -60°F/-51°C

- Freez-It® 10 oz. Aerosol  
No. CHM-ES1050 .....\$18.63
- Freez-It® 15 oz. Aerosol  
No. CHM-ES1550 .....\$26.55
- Freez-It® Antistat 10 oz. Aerosol  
No. CHM-ES1051 .....\$19.87
- Freez-It® Antistat 15 oz. Aerosol  
No. CHM-ES1551 .....\$28.05



### MicroCare

#### Micro-Freeze™ Circuit Chiller

Chills to lower than -45°C in seconds. Used to locate intermittent faults in delicate components. Ultra-pure, Ozone safe, nonflammable. StatZAP compatible. 10 oz. Aerosol.  
No. MCI-MCC-FRZ .....\$11.43



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# Soldering Chemicals

## Cleaners/Degreasers



### Blue Shower II Cleaner Degreaser

1667: General purpose cleaner degreaser. The standard for precision cleaning of polar and non-polar soils.  
No. TSI-1667-8S .....\$27.35

### AK225 Degreaser

1663: Light duty degreaser. Non-flammable, safe on metals and plastics.  
No. TSI-1663-8S .....\$29.42

1664: Heavy duty cleaner. Aggressive towards greases, oils, and similar soils.  
No. TSI-1664-8S .....\$27.27



### Pine-Shower™

Degreaser/cleaner quickly remove grease and other soils with the power of pine and leaves a non-oily finish. Use full-strength for caked-on grease or dilute for normal cleaning. Features: Concentrated and dilutable; Non-flammable; pH neutral and non-corrosive; Safe on most plastics and painted surfaces; Biodegradable; Low VOC, zero GWP; Non-ozone depleting.  
No. TSI-1502-QT 1 quart with trigger spray .....\$8.69



## ITW Chemtronics®

### Electro-Wash® Cleaners/Degreasers

Excellent general purpose electronic and electrical cleaning products. Engineered to clean a wide variety of soils including oils, greases, oxides and soils from handling equipment and assemblies. All products dry fast and leave no residue.

CZ: First non-Ozone depleting, nonflammable cleaner. Safe for use on plastic

PX: Extra Strength universal cleaner, flammable, may be used in cold dip/rinsing applications. Safe on plastic

Two-Step: Extra-strength, non-flammable ultrasonic and immersion cleaner. Cleans solder paste and inks from screens and stencils. Removes conformal coatings. CFC/HCFC free. Test on plastic.

No. CHM-ES7100 CZ 12-oz. Aerosol .....\$50.51  
No. CHM-ES1210 PX 12.5-oz. Aerosol .....\$22.56  
No. CHM-ES110 PX 1-gal. Liquid .....\$77.89  
No. CHM-ES125A Two-Step 1-gal. Liquid .....\$134.48



## ITW Chemtronics®

### Max-Kleen™ Xtreme™ Degreaser

Most aggressive nonflammable heavy-duty degreaser has dielectric strength of 18kV. Non-corrosive and nonconductive, with an extra-strength solvent that evaporates quickly without residue. Ozone-safe and tested on plastics. NSF Registered K1, K2. Contains n-propyl bromide. 19 oz. Aerosol.  
No. CHM-ES2284 .....\$9.88



## Eco Cleaners



### ECO-SHOWER™ Cleaner and Degreaser

Eco-friendly yet powerful degreaser uses naturally-based ingredients like citrus and soy. Use full strength for heavy grease or dilute with water for general cleaning.

- Non-Flammable
- Low VOC
- Zero Global Warming Potential

- Non-Ozone Depleting
- Non-Corrosive
- Biodegradable

72 pre-saturated 6" x 10.5" wipes in pop-up dispenser  
No. TSI-1500-72DSP .....\$12.88  
10 ml pen  
No. TSI-1500-N .....\$7.36

Quart bottle with trigger spray  
No. TSI-1500-QT .....\$9.66  
One gallon container  
No. TSI-1500-G .....\$21.86



### Eco-Friendly Cleaners That Work! Eco-Shine™ Glass and Surface Cleaner

Uses the latest green technology to clean glass, stainless steel, chrome, mirrors, tile, plastic, ceramic and enamel. Leaves a streak-free finish. Removes fingerprints, light oils and other soils.

6" x 8" wipes in pop-up dispenser 100/pack  
No. TSI-1505-100DSP .....\$9.41  
Quart bottle with trigger spray  
No. TSI-1505-QT .....\$6.87  
One gallon container  
No. TSI-1505-G .....\$16.35



## ITW Chemtronics®

### Eco-Rite™ Cleaners

High-performance cleaners with very low impact on the environment.

- Features:
- Low VOC's
  - Low global warming
  - No 2-butoxyethanol (Butyl)
  - No phosphates
  - No EDTA or NTA
  - No strong caustics, acids, or chlorine bleach
  - No Ozone depleting compounds
  - No petroleum distillates
  - No Alkylphenolethoxylates
  - No hazardous air pollutants



	Eco-Rite Glass Cleaner	Eco-Rite Multi-Purpose Cleaner	Eco-Rite Heavy-Duty Degreaser
Description	Non-streaking, non-flammable, biodegradable	Multi-purpose aqueous cleaner	Heavy-duty industrial grade, aqueous degreaser
For use on	Glass, stainless steel, chrome, plastics, ceramics, enamel	Stainless steel, chrome, plastics, fiberglass, ceramics, enamel	Metal, electric motors and gasoline engines, gears and pulleys
Removes	Oils, dirt, finger prints, handling soils	Oils, handling soils, lubricants	Grease, oil, lubricants, waxes and resins
Size	32 oz. trigger spray	32 oz. trigger spray	--
Cat No.	CHM-ES3266	CHM-ES3277	--
PRICE	\$5.44	\$9.90	--
Size	Gallon	Gallon	Gallon
Cat No.	CHM-ES166	CHM-ES177	CHM-ES155
PRICE	\$17.77	\$34.45	\$67.39

# Soldering Chemicals


## Contact Cleaners

**ITW Chemtronics**

### Pow-R-Wash™ CZ Contact Cleaner

First non-ozone depleting, nonflammable contact cleaner safe for use on powered contacts and surrounding plastics. Highly effective and unique solvent cleaner quickly cleans and removes oxides from all electrical and electronic contacts and assemblies. Utilizes Cirozane®, Chemtronics' unique HFE technology, to quickly remove oils, oxides, and other contaminants from metal contacts. Can be sprayed in any direction, even upside down.

- MIL-PRF-29608A (AS) Class C approved
- RoHS compliant
- Evaporates quickly without residue
- Excellent dielectric strength

No. CHM-ES7300 .....\$52.25 



**TECHSPRAY** 

### High Performance, Non-Flammable Contact Cleaner

G3™ Contact Cleaner removes oils, greases, silicones, dirt and grime from contacts, pads, switches and relays.

No. TSI-1632-165 .....\$28.73



### Ecoline Contact Cleaner

Very strong, economical cleaner. Flammable. 10 oz. Aerosol

No. TSI-1622-105 .....\$14.85



**GAIG**  
LABORATORIES, INC.

### DeoxIT® Gold and Contact Cleaners

A fast-acting deoxidizing solution that cleans, lubricates, protects and improves conductivity on metal connectors, contacts and surfaces. Provides flushing action, flammable (until solvent evaporates). Plastic safe, 5% formula.

DeoxIT Contact Cleaner, 142g can

A. No. CAG-D5S-6 .....\$16.95

DeoxIT Contact Cleaner, nonflammable, 163g can

B. No. CAG-DN5S-6N .....\$24.95

### For Cleaning Gold Contacts

DeoxIT GOLD, 142g can

C. No. CAG-G5S-6 .....\$24.95

DeoxIT GOLD, 57g can

D. No. CAG-G100S-2 .....\$27.95

DeoxIT GOLD, 50 individual wipes

E. No. CAG-K-G1W-50 .....\$37.95

DeoxIT GOLD squeeze tube, 2 ml.

F. No. CAG-D100L-2C .....\$37.95

## Heat Sink Grease

**CW**  
circuitworks®



### CT40 Heat Sink Grease

- Non-Corrosive and Nonflammable
- Excellent Dielectric Properties
- Excellent Material Compatibility

A heavy consistency silicone compound, thickened with a heat-conductive metal oxide filler, that facilitates heat transfer away from electrical or electronic components. Exhibits low bleed, excellent thermal conductivity, and has a stable temperature range of -40° to 392°F. Will not dry out, harden or melt. Meets MIL-C-47113.

No. CHM-CT40-5 .....\$21.29

**CW**  
circuitworks®



### Silver Conductive Grease

Provides superior electrical and thermal conductivity, lubrication and protection against moisture and corrosion. Syringe dispenser for precise application. Thermally stable over a wide temperature range. Conductive lubricant containing pure silver. 6.5 g (0.23 oz.)

No. CHM-CW7100 .....\$38.36

## Oven Cleaners

**TECHSPRAY**  
RENEW

### Eco-Oven™ Cleaner

Biodegradable, non-flammable, low VOC, zero global warming potential, non-ozone depleting. Removes all types of flux residues from reflow ovens, wave soldering and other heat exchanger systems. Ideal for periodic maintenance. Fast-acting and more effective than IPA for baked-on flux residues.

Safe on warm ovens.

One Quart Bottle w/Trigger Spray

No. TSI-1573-QT .....\$13.40

One Gallon

No. TSI-1573-G .....\$24.46



## MicroCare

### Reflow Oven Cleaner

Instantly melts away burned-on flux residues from wave solder machines and reflow ovens. Strong, nonflammable and with almost no aroma, it cleans twice as fast as alcohol with far less scrubbing.

12 oz. Pump Spray Bottle

No. MCI-MCC-ROC .....\$20.54

Bulk Refill 5 Gallon Cube

No. MCI-MCC-ROCP .....\$503.67



## Label Remover

**ITW Chemtronics**

### Label Adhesive Remover

The no-drip foaming label adhesive remover safe for use on metal, glass, ceramics and most plastics. 6 oz.

- Spray on adhesive residue and wipe clean
- Not recommended on painted surfaces

No. CHM-ES805 .....\$37.95



# Soldering Chemicals



## Wondermask® Solder Masks

Temporarily mask areas of printed circuit boards.

Masking compounds conform to military spec MIL-STD-2000 paragraph 5.3.18, parts a, b, & d.

- **2211: Wondermask® P:** peelable mask made of a thixotropic synthetic acrylic latex designed to withstand fluxing, wave soldering and cleaning operations. Ammonia free so no offensive odor.
- **2204: Wondermask® WSOL:** 100% water soluble mask for use in close loop/in-line aqueous systems. Safe on precious metals, sensitive contacts & excellent for protecting plated thru-holes and contact surfaces. Tested and approved for lead-free soldering.
- **2205: Wondermask® W:** water soluble, thixotropic solder masking agent formulated with non-contaminating, non-corrosive materials. Compatible with all organic and synthetic fluxes and is quickly removed in batch cleaning or inline water systems. Non-flammable and heat stable. Withstands high temperatures and exhibits very low ionic residues. Will not harm metals. Tested & approved for lead-free soldering.
- **2218: Wondermask®:** made of a thixotropic, natural acrylic latex to withstand fluxing, wave soldering & cleaning operations. Fast drying. Excellent peel strength. Insoluble in water or solvent. Stays in place. Easy to remove. Tested and approved for lead-free soldering.



No. TSI-2211-85Q	2211 Peelable Water Soluble Solder Mask, 8 oz. Bottle .....	\$12.82
No. TSI-2211-G	2211 Peelable Water Soluble Solder Mask, 1 Gallon .....	\$109.97
No. TSI-2204-85Q	2204 100% Water Soluble Mask, 8 oz. ....	\$18.90
No. TSI-2204-G	2204 100% Water Soluble Mask, 1 Gallon .....	\$175.35
No. TSI-2205-85Q	2205 Water Soluble Solder Mask, 8 oz. Bottle .....	\$15.15
No. TSI-2205-G	2205 Water Soluble Solder Mask, 1 Gallon .....	\$116.76
No. TSI-2218-85Q	2218 Peelable Latex Solder Mask, 8 oz. Bottle .....	\$11.81
No. TSI-2218-G	2218 Peelable Latex Solder Mask, 1 Gallon .....	\$103.19



## Kester TC®-527 Hi-Temp Flexible Solder Mask

High-temperature flexible solder masking compound formulated from natural latex rubber to protect delicate components. Heat stable and tacky enough to be applied to boards during wave soldering. Can be applied by automatic dip, brush or flow methods, direct from applicator bottle or by automated dispensing machines. Easily peels away without leaving a residue.

No. TEC-TC-527-PT 1 Pint .....\$20.00

## Kester TC®-533 Peelable Solder Mask

Formulated from natural latex rubber, it is extremely versatile as a temporary solder mask, conformal coating maskant, and potting compound mold seal.

No. TEC-TC-533-PT 1 Pint.....\$17.50  
No. TEC-TC-533-GL 1 Gallon .....\$81.67

## Kester TC®-564-1 Water Soluble Solder Mask

Kester's best-selling temporary solder mask. Can be used with any type of rosin, organic or inorganic flux and can also be washed away in cleaning equipment.

No. TEC-TC-564-1-PT 1 Pint.....\$21.53  
No. TEC-TC-564-1-GL 1 Gallon .....\$90.00



The right light



## UV Portable Magnifier

Ideal for inspecting conformal coatings. 13W UA-A black bulb and 5 diopter lens (2.25X). 4" x 2.5" viewing area. Includes: 10' cord with plug-in ballast; Protective cover. Black.

No. LUX-16405BK.....\$130.00



## Chemask® Solder Masks

- Permits component insertion after soldering due to parts shortage, heat sensitivity or custom circuit designs. Prevents solder from adhering to gold fingers, contacts, terminals, screwheads or plated thru-holes. RoHS Compliant. One year shelf life. Non-flammable
  - **Chemask®:** Peelable natural latex rubber, compatible with all flux types, stable in both water and fluorocarbon or chlorinated solvents. Dries tack-free: 10 min., full cure: 30 min.
  - **Chemask® W:** Water soluble blue synthetic resin, compatible with aqueous flux systems. Dissolves in water wash with or without detergent. Dries tack-free: 15 min., full cure: 1 hr.
- |                           |                   |          |
|---------------------------|-------------------|----------|
| Peelable Mask, 8 oz.      | No. CHM-CM8 ..... | \$15.88  |
| Peelable Mask, 1 Gallon   | No. CHM-CM1 ..... | \$160.16 |
| Water Soluble Mask, 8 oz. | No. CHM-CW8 ..... | \$14.14  |



## Chemask® Lead-Free Solder Masking

The high temperature, peelable temporary mask ideal for lead-free applications. 8 oz.

- Can also be used with tin/lead solders
- Usable within 5 minutes of application with preheat cycles
- Provides short-term high temperature protection
- RoHS compliant

No. CHM-CLF8.....\$20.53



## Non-Ammoniated Chemask® NA

- Stable to 550°F (288°C) - withstands lead-free processing temperatures
- Ideally suited for use with gold, copper, nickel, silver & OSP finishes
- Works with both lead-free & tin/lead applications
- Phthalate-free, low toxicity and environmentally safe
- Compatible with all flux types & cleaning solvents
- Dries tack free in 15 minutes (10 mil thick application)
- Removes easily by hand & leaves no residue

No. CHM-CNA8 8 oz. Bottle .....\$15.43  
No. CHM-CNA1 1 Gallon Liquid .....\$155.80



# Soldering Chemicals



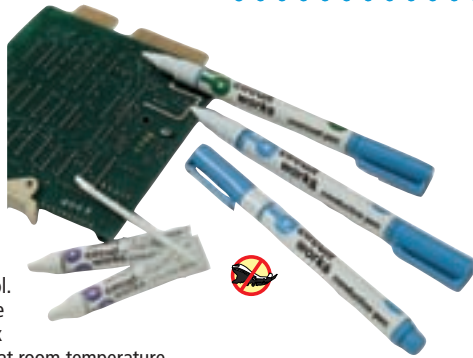
## Circuit Works Pens

**Conductive Pen** draws highly conductive fine line silver traces, jumpers and shielding with precision and control. Ideal for repair on surface mount, thru-hole and flex circuits. Dries in minutes at room temperature. Choose standard or precision micro tip.

**Conductive Epoxy Kit** provides strong highly conductive silver connections for solderless component bonding, trace repair, grounding and shielding. Quick low or no heat cure and high strength conductive bonding.

**Overcoat Pen** applies a tough conformal coating used to repair solder mask. The overcoat insulates and protects against shorting and high voltage arcing. Helps prevent static discharge problems on sensitive circuits and protects against abrasion, moisture and chemicals.

No. CHM-CW2200STP	Standard Tip Conductive Pen	.....\$34.61
No. CHM-CW2200MTP	Micro Tip Conductive Pen	.....\$34.61
No. CHM-CW2400	Conductive Epoxy Kit	.....\$61.64
No. CHM-CW3300C	Clear Overcoat Pen	.....\$20.84
No. CHM-CW3300G	Green Overcoat Pen	.....\$20.84



## MicroCare

### TidyPen

Great for removing marking tags, paper labels, stickers, EPROM labels & bar codes. Kapton® residues melt away easily & safely.

No. MCI-MCC-P01 .....\$7.88



## CircuitWorks® Mighty Pen

Precise spot removal of conformal coating, flux residue, label adhesives, marker and ink stains, soils and more. Evaporates quickly. Mild citrus aroma, low toxicity.

No. CHM-CW3700 .39 oz.....\$10.46



## Fine-L-Kote™ Conformal Coatings and Remover

Protect electronic assemblies and boards against environmental stress and temperature extremes. All conformal coatings contain a UV indicator for inspection. No CFC. All meet IPC-CC-830B and MIL-I-45058C Standards.

- 2102 A flexible silicone resin coating with excellent moisture, fungus and chemical resistance. Withstands rapid temperature changes.
- 2103 An economical, general purpose acrylic coating insulates against high voltage arcing or corona shorts, while resisting moisture and fungus. Offers limited chemical resistance to common alcohols, ketones, and esters.
- 2104 A clear urethane coating highly resistant to most solvents, moisture, fungus and molds. Withstands rapid temperature changes and has high dielectric properties. Can be reworked by applying a soldering iron directly to the coating.
- 2108 Turbo-Coat fast drying acrylic. Dries to the touch in 3 minutes. Thick, one pass coating application.



## Trace Technology Board Repair Pens

### No-Clean Flux Dispensing Pen

- Excellent wetting abilities
- Pen tip allows accurate application
- Excellent for surface with poor solderability

No. TSI-2507-N .....\$7.51



### Conformal Coating Remover Pen

- Fast stripping action
- Non-corrosive
- Evaporates quickly

No. TSI-2510-N .....\$11.25



**NEW!**

### Turbo-Coat™ HV Acrylic Conformal Coating Pen

Provides a precise, convenient method for repairing coating blemishes and shadows. An exact resin match with Turbo-Coat and Turbo-Coat HV. Tested and approved for use in Asymtek and PVA selective spray systems.

No. TSI-2108-N	Pen	.....\$14.98
No. TSI-2109-G	1 gallon	.....\$180.60
No. TSI-2110-P	1 pint	.....\$11.49



### Flux Remover Pen

- Complete removal of flux instantly
- Pen tip allows controlled application
- Fast drying

No. TSI-2506-N .....\$9.72



### Conductive Pen

- Repairs traces
- Links components
- Makes smooth jumpers

No. TSI-2505-N .....\$45.56



### Overcoat Pen (Green)

- Protects conductive pen traces
- Repairs solder resist
- Prevents shorting and arcing

No. TSI-2509-GN .....\$15.75



## ITW Chemtronics

### Conformal Coatings

Use for spray, dip tank and brush applications. Provides excellent electrical insulation properties for hot and cold operating environments, as well as heat generated by electronic circuitry. Withstands severe environmental stress, thermal shock, mold & fungus attack. Ideal for printed circuit board, flex circuit protection. Meets Mil-I-46058C, Type SR; Compliant to IPC-CC-830A. UV Traceable, RoHS Compliant.

No. CHM-CTSR-12	Konform SR2000, 10 oz.	.....\$33.15
No. CHM-CTSR-1	Konform SR2000, 1 Gallon	.....\$316.75
No. CHM-CTAR-12	Konform AR, 11.5 oz.	.....\$25.72



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# Soldering Chemicals

## Flux Removers



### High Performance Non-Flammable Flux Remover

G3® Flux Remover was developed to be the direct replacement for defluxers containing HCFC-141b. Designed specifically for removing R, RA, RMA and SA type flux residues after high temperature reflow. Effective on both leaded and lead-free residues. Can be used as an all-purpose cleaner to remove light oils, silicones, waxes, greases and similar contaminants.

- Non-Ozone Depleting
- Non-Flammable
- Safe on Most Plastics
- Rapidly Evaporating
- Zero Residue

No. TSI-1631-5S	5 oz. Aerosol w/brush	.....\$18.23
No. TSI-1634-12S	Flux Remover, 12 oz. Aerosol	.....\$25.88
No. TSI-1631-16S	Flux Remover, 16 oz. Aerosol	.....\$27.49
No. TSI-1638-G	Flux Remover, 1 gal. Bottle	.....\$256.68



### A. Envi-Ro-Tech™ Light Duty Defluxer

Alcohol based light duty defluxer for R, RA, RMA, & SA fluxes. Can be used as an all-purpose cleaner to remove light oils, silicones, waxes, greases, & similar contaminants.

### B. Ecoline Flux Remover

Very strong cleaner, economical but flammable.

### C. General Purpose De-Fluxer

Non-Flammable, Safe on most plastics.

Envi-Ro-Tech™ Defluxer 1 pint Trigger Spray

A. No. TSI-1679-PT	.....	\$20.03
Ecoline Flux Remover, 10 oz. Aerosol		
B. No. TSI-1621-10S	.....	\$15.82
General Purpose Defluxer, 8 oz. Aerosol		
C. No. TSI-1665-8S	.....	\$28.51



## MicroCare



### VeriClean™ Flux Remover

This powerful defluxer serves double-duty as a medium-strength degreaser. It works great on rosin & with no-clean fluxes & paste along with almost any oil or light grease & many adhesives. Ozone-safe, low GWP & a very low VOC rating.

10 oz. Aerosol  
No. MCI-MCC-DC1.....\$17.00

### ProClean™ Flux Remover

A blend of three ultra-pure water-free alcohols, it is the strongest of the alcohol-based choices. Safer than rubbing alcohol and an excellent choice on rosin and no-clean fluxes.

12 oz. Aerosol  
No. MCI-MCC-PRO .....\$12.06



## ITW Chemtronics



### Flux-Off® Flux Removers

Specially formulated to remove all types of rosin (R, RA, and RMA), and synthetic (SA) flux. Available in aerosol, Brush Clean™ System, and in liquid for vapor degreaser, ultrasonic, and dip tank applications. Fast drying. Leaves no residue.

CZ: First non-Ozone depleting, nonflammable flux remover. Cleans type R, RMA, RA, no-clean and water soluble.

**Water Soluble:** Plastic safe for cleaning water-soluble flux. Flammable, CFC/HCFC free. Safe on water-sensitive products.

**Rosin:** For cleaning rosin and rosin-based no-clean flux. Flammable, CFC/HCFCfree. Removes encrusted flux.

No. CHM-ES7208B	CZ 5 oz. Aerosol w/Brush	.....\$25.68
No. CHM-ES7200	CZ 12 oz. Aerosol	.....\$51.85
No. CHM-ES1530	Water Soluble 13.5 oz. Aerosol	.....\$17.00
No. CHM-ES130	Water Soluble 1-gal. Liquid	.....\$92.44
No. CHM-ES1035	Rosin 10 oz. Aerosol	.....\$20.04
No. CHM-ES135	Rosin 1 gallon Liquid	.....\$75.91



### Flux-Off® Lead-Free Flux Remover

Powerful for high temperature, lead-free flux removal.

- Can also be used to remove tin/lead fluxes
- Flammable
- Ozone-safe
- Evaporates quickly, leaving no residue
- RoHS compliant

Flux Off, 6 oz. w/Brush

No. CHM-ES897B.....\$14.01

Flux Off, 12 oz. Aerosol

No. CHM-ES1697.....\$19.51



### The BrushClean™ Flux Remover System

The gentle scrubbing action of a brush combined with high performance flux remover and cleaner degreaser. Brush applies solvent exactly where you need it. Solvent flow flushes brush clean. Clean large areas and flush under SMDs.

Flux-Off Rosin, 5 oz. Aerosol

No. CHM-ES835B.....\$11.88



## MicroCare

### Trigger Grip - Solvent Miser™

Spray nozzle slashes solvent consumption by enabling each can to last roughly twice as long. Lightweight, ergonomic design speeds cleaning and minimizes solvent fumes.

### Bench Mounting Kit for Trigger Grip

Holds trigger grip and can securely at the workbench, prevents can from tipping over.

### StatZap™ ESD Eliminator

Use this stainless steel nozzle on canned air, freeze sprays & high-pressure aerosols. It eliminates ESD damage caused by the friction of solvent racing down plastic spray tubes & reduces these voltages to a harmless 50V or less.

Trigger Grip - Solvent Miser™

A. No. MCI-MCC-ESD ..... \$51.00

Bench Mounting Kit for Trigger Grip

B. No. MCI-MCC-BK3 ..... \$14.50

StatZap™ ESD Eliminator

No. MCI-MCC-ZAP ..... \$8.00



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