

THE INDUSTRY STANDARD IN QUALITY AND PERFORMANCE

ORDERING INFORMATION

PLOG-100 Polyester Logs, 6" x 9", 100 Perforated Wipes
SW100NC SmartWipe Canisters with Lids and Logs, 6" x 9" (not saturated)
SH001 SmartHolder Anti-Static Tapered Canister Holder
DR05AQP AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Concentrate, 5 Gallon Drum
DR05HDD Heavy Duty Degreaser™, 5 Gallon Drum
DR05SMA AquaSonic® Aqueous Cleaner for Surface Mount Applications, 5 Gallon Drum
DR55AFR Semi Aqueous Paste & Flux Remover, 55 Gallon Drum
DR55AQP AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Concentrate, 55 Gallon Drum
DR55AQP-PM AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Premix, Ready to Use, 55 Gallon Drum
DR55BIO BIOACT® SC-10 Electronics Cleaner, 55 Gallon Drum
DR55EAD Epoxy & Adhesive Cleaner, 55 Gallon Drum
DR55IKS Ink & Screen Cleaner, 55 Gallon Drum
DR55IPA IPA (99%pure), 55 Gallon Drum
DR55IPA/DI IPA/DI Water (70/30 blend), 55 Gallon Drum
DR55LFPR Lead-Free Paste Remover, 55 Gallon Drum
DR55PFR Solder Paste & Flux Remover, 55 Gallon Drum
DR55SMT SMT Stencil Cleaner, 55 Gallon Drum
DR05EPR EVAPO-RUST™, 5 Gallon Drum
DR55EPR EVAPO-RUST™, 55 Gallon Drum
DR55HDD Heavy Duty Degreaser™, 55 Gallon Drum
DR55HDD-PM Heavy Duty Degreaser™, Premix, Ready to Use, 55 Gallon Drum
FR100AFR-12 Semi Aqueous Paste & Flux Remover, 100 ct., 6" x 9"
FR100AQP-12 AquaSonic® Aqueous Cleaner for Solder Paste & Flux, 100 ct., 6" x 9" - Premix, Ready to Use
FR100BIO-12 BIOACT® SC-10 Electronics Cleaner, 100 ct., 6" x 9"
FR100EAD-12 Epoxy & Adhesive Cleaner, 100 ct., 6" x 9"
FR100IKS-12 Ink & Screen Cleaner, 100 ct., 6" x 9"
FR100IPA/DI-12 IPA/DI Water (70/30 blend), 100 ct., 6" x 9"
FR100IPA-12 IPA (99%pure), 100 ct., 6" x 9"
FR100PFR-12 Solder Paste & Flux Remover, 100 ct., 6" x 9"
FR100SMA-12 AquaSonic® Aqueous Cleaner for Surface Mount Applications, 100 ct., 6" x 9"
FR100SMT-12 SMT Stencil Cleaner, 100 ct., 6" x 9"
FR901HC-12 Benchtop Electronic Hand Cleaner, 100 ct., 6" x 9"
FR902HC-12 WorkStation Hand Cleaner - Citrus Scent, 100 ct., 6" x 9"
FR100EPR-12 EVAPO-RUST™, 100 ct., 6" x 9"
FR10052IPA-12 Industrial IPA (99%pure), 100 ct., 6" x 9"
FR10052IPA/DI-12 Industrial IPA/DI Water (70/30 blend), 100 ct., 6" x 9"
FR100HDD-12 Heavy Duty Degreaser™, 100 ct., 6" x 9" - Premix, Ready to Use
GA6AFR Semi Aqueous Paste & Flux Remover, 1 Gallon Container
GA6AQP AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Concentrate, 1 Gallon Container
GA6AQP-PM AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Premix, Ready to Use, 1 Gallon Container
GA6BIO BIOACT® SC-10 Electronics Cleaner, 1 Gallon Container
GA6EAD Epoxy & Adhesive Cleaner, 1 Gallon Container
GA6IKS Ink & Screen Cleaner, 1 Gallon Container

GA6IPA IPA (99%pure), 1 Gallon Container
GA6IPA/DI IPA/DI Water (70/30 blend), 1 Gallon Container
GA6LFPR Lead-Free Paste Remover, 1 Gallon Container
GA6PFR Solder Paste & Flux Remover, 1 Gallon Container
GA6SMA AquaSonic® Aqueous Cleaner for Surface Mount Applications, 1 Gallon Container
GA6SMT SMT Stencil Cleaner, 1 Gallon Container
GA6EPR EVAPO-RUST™, 1 Gallon Container
GA6HDD Heavy Duty Degreaser™, 1 Gallon Container
GA6HDD-PM Heavy Duty Degreaser™ Premix, Ready to Use, 1 Gallon Container
LCL-8 LeadCheck Test Swabs
LRK224 Lead Remediation Task Force Kit
LDK223 Lead Detector Kit
PT6EPR EVAPO-RUST™, 1 Pint Bottle
SW100AFR Semi Aqueous Paste & Flux Remover, 100 ct., 6" x 9"
SW100AQP AquaSonic® Aqueous Cleaner for Solder Paste & Flux, 100 ct., 6" x 9" - Premix, Ready to Use
SW100BIO BIOACT® SC-10 Electronics Cleaner, 100 ct., 6" x 9"
SW100EAD Epoxy & Adhesive Cleaner, 100 ct., 6" x 9"
SW100IKS Ink & Screen Cleaner, 100 ct., 6" x 9"
SW100IPA IPA (99%pure), 100 ct., 6" x 9"
SW100IPA/DI IPA/DI Water (70/30 blend), 100 ct., 6" x 9"
SW100LFPR Lead-Free Paste Remover, 100 ct., 6" x 9"
SW100PFR Solder Paste & Flux Remover, 100 ct., 6" x 9"
SW100SMA AquaSonic® Aqueous Cleaner for Surface Mount Applications, 100 ct., 6" x 9"
SW100SMT SMT Stencil Cleaner, 100 ct., 6" x 9"
SWS901HC Benchtop Electronic Hand Cleaner, 100 ct., 6" x 9"
SWS902HC WorkStation Hand Cleaner - Citrus Scent, 100 ct., 6" x 9"
SW100EPR EVAPO-RUST™, 100 ct., 6" x 9"
SW100HC Industrial Hand Cleaner w/ Chelating Agent, 100 ct., 6" x 9"
SW10052IPA Industrial IPA (99%pure), 100 ct., 6" x 9"
SW10052IPA/DI Industrial IPA/DI Water (70/30 blend), 100 ct., 6" x 9"
SW100HDD Heavy Duty Degreaser™, 100 ct., 6" x 9" - Premix, Ready to Use
SW100LE Lead Eliminator, 100 ct., 6" x 9"
SB6AFR Semi Aqueous Paste & Flux Remover, 1 Pint Spray Bottle
SB6AQP AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Premix, Ready to Use, 1 Pint Spray Bottle
SB6BIO BIOACT® SC-10 Electronics Cleaner, 1 Pint Spray Bottle
SB6EAD Epoxy & Adhesive Cleaner, 1 Pint Spray Bottle
SB6IKS Ink & Screen Cleaner, 1 Pint Spray Bottle
SB6IPA IPA (99%pure), 1 Pint Spray Bottle
SB6IPA/DI IPA/DI Water (70/30 blend), 1 Pint Spray Bottle
SB6LFPR Lead-Free Paste Remover, 1 Pint Spray Bottle
SB6PFR Solder Paste & Flux Remover, 1 Pint Spray Bottle
SB6SMA AquaSonic® Aqueous Cleaner for Surface Mount Applications, Premix, Ready to Use, 1 Pint Spray Bottle
SB6SMT SMT Stencil Cleaner, 1 Pint Spray Bottle
SB6HDD Heavy Duty Degreaser™, Premix, Ready to Use, 1 Pint Spray Bottle
SB6LE Lead Eliminator, 1 Pint Spray Bottle

JNJ INDUSTRIES

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JNJ INDUSTRIES

TECHNOtalk

2009

2009

CHEMICALS

MADE IN THE USA

...more than just the right formula - the right chemistry

JNJ's GlobalTech® Chemicals Division has emerged as one of the world's leading suppliers of advanced formulations of environmentally responsible solvents, cleaners and degreasers for electronics, laboratory, cleanroom, aerospace manufacturing and industrial applications. GlobalTech products are available in both standard and custom chemistries. We offer a complete line of the most sought after cleaners and solvents used in the electronics and manufacturing industries. Every standard GlobalTech product is formulated and packaged for optimum value and utility. GlobalTech's formulations for the removal of soils and toxic contaminants range from highly aggressive solvents to gentle hand clean-

ers and disinfectants. To meet your requirements, every GlobalTech product is

blends, JNJ offers private label packaging for OEM and distributor branded lines.



available in application specific formulations and blends. JNJ sales staff will help you select the precise components, dilutions and delivery systems to meet your exact needs in a solvent, cleaner or degreaser. In additions to our standard formulations and

GlobalTech products are available in nearly every size and type of container, dispenser or delivery system, including SuperSaturated SmartWipes®, bulk liquid containers, sprays, and drums.

SUPERSATURATED SMARTWIPES

SuperSaturated SmartWipes offer cleaning solutions where and when you need them. You will always have the right wipe, with the right chemistry at your fingertips. Our patented SuperSaturated SmartWipes feature a durable, sol-

vent retentive material substrate that cleans effectively without leaving excess solvent behind. Each wipe is saturated with the proper amount of GlobalTech CFC & HCFC Free solvent and is packaged in a recyclable,



reusable canister. The strong, super absorbent wipes are 100% cleanroom grade polyester made from DuPont Sontara®, low in lint, and resist tearing and shredding. SuperSaturated SmartWipes trap dirt, grease, solder paste, flux residue, epoxy, ink, and other contaminate particles.

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Quick Reference Solvent Selection Guide											
Product Name	Drying Time	Odor	Cleaning Power	No clean	RMA	OA	Degreasing	Adhesives	Epoxies	Light Oils	Inks
SMT Stencil Cleaner	Medium	None	Regular	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Solder Paste & Flux Remover	Medium	Moderate	Aggressive	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Semi Aqueous Paste & Flux Remover	Medium	Mild	Regular	No	Yes	Yes	Yes	No	No	Yes	No
Isopropyl Alcohol & DI Water	Fast	Mild	Moderate	No	Yes	Yes	Yes	No	No	Yes	No
Isopropyl Alcohol 99%	Very Fast	Mild	Moderate	No	Yes	Yes	Yes	No	No	Yes	No
Ink & Screen Cleaner	Medium	Moderate	Regular	No	Yes	Yes	Yes	No	No	Yes	Yes
Epoxy & Adhesive Remover	Fast	Strong	Aggressive	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

FOIL REFILL PACKS

Our complete line of Super-Saturated SmartWipes are available in space and money saving, waste reducing Foil Refill Packs (FRPs).



The vacuum seal insures a longer shelf life that is guaranteed not to dry out and is free of contamination. After using the last wipe, simply remove the lid, open your FRP, and drop in a fresh refill of saturated wipes into the canister. These FRPs come saturated

with 100 - 6" x 9" wipes, made from the same clean-room grade polyester from DuPont Sontara that is used in our original canisters.

with 100 - 6" x 9" wipes, made from the same clean-room grade polyester from DuPont Sontara that is used in our original canisters.

Every Cleaning Job Requires a Specialist!

JNJ's GlobalTech® division provides advanced formulations of environmentally responsible chemicals and solvents - Global-Tech products are formulated for the rigorous cleaning requirements in the electronics and manufacturing industries.

AQUASONIC AQUEOUS CLEANERS

Aqueous Cleaner for Solder Paste and Flux (AQP) is more than 95% water based and all ingredients are 100% active. It has been specially formulated to remove solder paste and flux residue from stencils, squeegees, printed circuit boards, and other surfaces. AQP utilizes a proprietary electro-chemistry technology to clean. It works by reversing the normal polarity of the contaminant. The reversal of the polarity causes the like charges of the contaminant and the substrate to repel each other, thereby preventing reattachment to the substrate. The contaminants are suspended from the substrate so they can be washed away, leaving a clean, shiny, water break-free surface. AQP works at a sub-molecular level and is especially suited for use in critical clean applications because of its unique ability to penetrate crevices and

orifices to dislodge microscopic contaminants. This method of cleaning drastically improves the cleaning efficiency by minimizing the amount of rinse water needed. **Certified Clean Air Solvent by SCAQMD and meets the new specification of <25g/L VOC.**

Aqueous Cleaner for Surface Mount Applications (SMA) is a unique blend of select detergents and solvents formulated to offer safe, non-flammable cleaning in ultrasonic cleaning systems. Used in dilution, SMA effectively cleans uncured surface mount device (SMD) epoxies/adhesives

and solder pastes from stencils and misprinted assemblies, and it does not require heating. It is an ideal cleaning agent for electronics manufacturers who want (1) to clean both SMD epoxies/adhesives and solder pastes in one cleaning process and cannot heat the cleaning solution, (2) to reduce or eliminate VOC emissions, (3) to reduce odor in the workplace, (4) to reduce or eliminate flammable or combustible solvents, (5) to improve operator safety, and (6) to reduce chemistry loss due to evaporation.



Insist on Quality...Ask for JNJ's Chemistries by Name



PRODUCT NAME	Product Abbreviation	CLEANING METHOD				PACKAGING			
		UltraSonic Equipment	Spray Cleaning Equipment	Manual Cleaning	Heat Required	Liquid Concentrate	Liquid Premixed	Saturated Wipes	
AquaSonic Aqueous Cleaner for Solder Paste & Flux	AQP	Yes	No	Yes	Yes*	Yes	Yes	No	
AquaSonic Aqueous Cleaner for Surface Mount Applications	SMA	Yes	No	Yes	No	Yes	Yes	Yes	
<small>*Only when used in an ultrasonic cleaner</small>									
RATING SCALE		APPLICATION						Dilution Ratios	SCAQMD Certified
		Solder Paste	Epoxy/SMD Adhesives	Flux Residue	Oils	Grease			
Good - Better - Best	AQP	Best	Better	Best	Good	Good	5-15%	Yes	
	SMA*	Best	Best	Best	Good	Good	5-7%	Pending	

*No Heat Required

APPLICATION SPECIFIC CHOICES

BENCHTOP ELECTRONIC HAND CLEANER

- Cleans: hands, work surfaces, fixtures & tools
- Effective in the removal of toxic metals from skin
- Removes grease & oil

BIOACT® SC-10 ELECTRONICS CLEANER

- Stencil/misprint Cleaning
- Defluxing applications
- Removes uncured SMD adhesives, rosin, water-soluble, and no clean solder paste, epoxy, uncured encapsulants, acrylic conformal coatings, silicone conformal coatings, tape residues, oily contaminants

EPOXY & ADHESIVE CLEANER

- Conductive epoxies
- 2 part epoxies
- Labels, tape & label adhesives
- Most varieties of glue or adhesive residues
- Screen printable epoxies used in electronics maintenance
- Cleans screens & stencils

INK & SCREEN CLEANER

- Remove conductive, resistive & dielectric thick film inks
- Commercial screen printing inks
- Cleans pastes, silicones & most contamination associated with fluxes
- Cleans screens & stencils
- Good for cleaning tools & machinery
- Excellent general degreaser

ISOPROPYL ALCOHOL AND ISOPROPYL ALCOHOL & DI WATER

- Universal cleaner and disinfectant
- Light oils
- Most types of inks
- Most pastes & fluxes
- Most industrial cleaning
- Office and medical equipment
- PC Boards
- Connectors and contacts
- Fiber optics
- Relays
- Photographic material
- Spray masking compounds
- Fingerprints
- Drying agent

LEAD-FREE PASTE REMOVER

- Screens & stencils
- Good for stencil cleaning machines
- General degreasing
- Misprinted circuit boards
- Production equipment (Stencil Printers)
- Removes organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other difficult soils

LEAD ELIMINATOR

- Work benches
- Conveyor rails
- Stencil printers
- Pick/Place Machines
- Rework & repair
- Inventory or finished goods areas
- Storage & shelving
- Flooring
- Tools
- Break/bathrooms
- Carts & trolleys

SEMI AQUEOUS PASTE & FLUX REMOVER

- Screens & stencils
- Good for stencil cleaning machines
- General degreasing
- Misprinted circuit boards
- Production equipment (Stencil Printers)
- Removes organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other difficult soils

SMT STENCIL CLEANER

- Stainless steel stencils
- Electronic screen/stencil printers
- Removes RMA, RA and No Clean solder pastes & fluxes
- Batch ultrasonic cleaning machines
- Automatic stencil wiper assemblies (approved by DEK)
- Excellent overall cleaner

SOLDER PASTE & FLUX REMOVER

- Exceptional for automatic cleaning systems and batch cleaners
- Removes R, RA & RMA, no clean, water soluble and OA solder paste & fluxes
- Misprinted circuit boards
- Screens & stencils
- Good for stencil cleaning machines
- General degreasing
- Production equipment (Stencil Printers)
- Removes organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other difficult soils

WORKSTATION HAND CLEANER CITRUS SCENT

- Hand cleaner
- Effective in removing toxic metals from skin
- Removes grease & oil

HAND CLEANERS



JNJ's Hand Cleaners are high performance, general purpose cleaner in a saturated wipe dispenser. Laboratory Certified to be effective in the removal of toxic metals from all surfaces, including the skin. Used at the workstation or any location where operators/technician's hands become soiled. Cleans hands, surfaces, fixtures and tools without requiring the operator to leave the work area. Certified Ionic Contamination Test results show Benchtop Electronic Hand Cleaner to be well within ANSI/J-STD-001 Industrial and MIL-STD-2000 Military Standards adopted to maintain acceptable levels of cleanliness in the manufacture of electronic assemblies, circuits and components.

