

**→ Packaging Option**

**Q** What packaging options are available for GlobalTech® chemistries?

**A** All of JNJ's non-aqueous chemistries, with the exception of the hand cleaners, are available in drums, gallons, sprays, saturated wipes and foil refill packs.



**AquaSonic® Aqueous Cleaners**



AquaSonic Aqueous Cleaner for Surface Mount Applications (SMA) is a unique blend of modified alcohols and surfactants designed for ambient or heated stencil and misprint cleaning and defluxing in ultrasonic immersion cleaners and defluxing equipment.

AquaSonic Aqueous Cleaner for Solder Paste & Flux Remover (AQP) is more than 90% water based with all ingredients being 100% active. It has been specifically formulated, using a proprietary electro-chemistry technology, to remove solder paste and flux residue in critical cleaning applications.



DR55SMA	DR55AQP	55 Gallon Drum
	GA6AQP	Gallons, 6/cs
	SB6AQP	Spray Bottles (1 pint), 6/cs
	SW100AQP	SuperSaturated SmartWipes, 12/cs

*our family of products*

- +** GLOBALTECH® CHEMICALS
- +** SMARTWIPES®
- +** SMARTROLLS® UNDERSTENCIL WIPING ROLLS
- +** SQUEEGEE BLADES & HOLDERS
- +** SUPERSATURATED SMARTWIPES®



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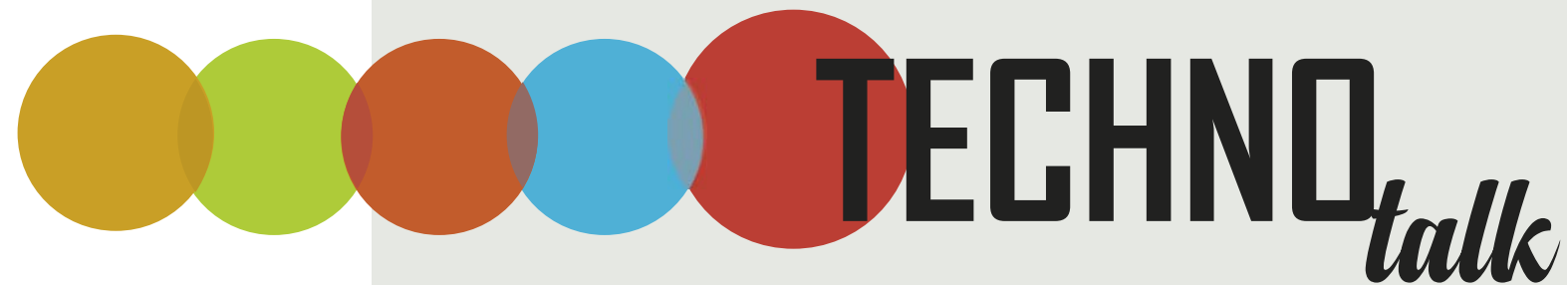
*Our commitment is to manufacture consumable products that are environmentally stable and friendly throughout their entire life cycle. These products are in compliance with RoHS, Conflict Minerals, WEEE and REACH regulatory and statutory requirements.*



**JNJ INDUSTRIES**



- Made in the USA
- Eco-friendly solutions
- Solvent delivery systems
- Custom formulations and packaging
- Application specific choices
- Reference guide
- Immediate availability
- Worldwide distributor network



**→ Foil Refill Packs**

*Our complete line of saturated wipes is available in convenient, space saving and waste reducing Foil Refill Packs (FRP). These cost-efficient vacuum sealed foil bags allow the reuse of our canisters to significantly reduce your solid waste. The wipes guarantee that operators use the proper amount of solvent for optimum cleaning performance. After using the last wipe, simply remove the lid, open your FRP and drop-in a fresh refill into the corresponding GlobalTech canister. Foil Refill Packs come saturated with 100 - 6" x 9" wipes and in three material options. One canister included in each case.*



**GlobalTech®**

*Every cleaning job requires a specialist!*

JNJ Industries offers the most effective and safest environmentally sustainable products to meet the needs of a growing world.

GlobalTech® 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. In 1993, JNJ first introduced saturated wipes into the SMT PCB assembly manufacturing industry and since then, they have become an integral part of the cleaning and manufacturing process. Our innovative and unique chemical portfolio has resulted in the widest selection of saturated wipe products in electronics worldwide. SuperSaturated SmartWipes are ideal to increase process control and standardization, improve safety, reduce stringent VOC emissions, enhance convenience and, due to their exceptional solvent control, decrease solvent usage up to 50%. Available in three durable, solvent retentive material substrate options made from polyester, polyester/cellulose blend or cellulose polypropylene, these wipes maximize the ability, consistency and efficiency to remove the most contaminants without leaving excess solvent behind. These materials are chosen specifically to deliver optimum performance and value for every hand wiping application. Packaged in earth-friendly vacuum sealed foil bags or recyclable, reusable canisters, each log is comprised of 100 - 6" x 9" perforated wipes. Hand wiping has been adopted in the electronics industry to provide real cleaning benefits while retaining familiar work practices!



## → Isopropyl Alcohol & Isopropyl Alcohol w/DI Water

Isopropyl Alcohol 99% (IPA) and Isopropyl Alcohol and Deionized Water, 70/30 blend (IPA/DI), are highly effective universal cleaners, degreasers and disinfectants. They remove most types of inks, pastes, fluxes, light oils and other contaminants associated with assembly, machining, soldering and printing. Ideal for use in surface preparation prior to manufacturing or assembly processes.



### IPA 99%

DR55IPA  
GA6IPA  
SB6IPA  
Call for factory quote  
SW100IPA  
FR100IPA-12  
SW1004IPA  
FR1004IPA-12  
SW10052IPA  
FR10052IPA-12

### IPA /DI 70/30%

DR55IPA/DI 55 Gallon Drum  
GA6IPA/DI Gallons, 6/cs  
SB6IPA/DI Spray Bottles (1 pint), 6/cs  
PT6IPA/DI Pint Bottles / no sprayer (1 pint), 6/cs  
SW100IPA/DI Polyester Wipes, 12/cs  
FR100IPA/DI-12 Foil Refill Packs, 12/cs  
SW1004IPA/DI Critical-Clean Wipes, 12/cs  
FR1004IPA/DI-12 Foil Refill Packs, 12/cs  
SW10052IPA/DI Industrial Wipes, 12/cs  
FR10052IPA/DI-12 Foil Refill Packs, 12/cs

Note: IPA & IPA/DI saturated wipes and foil refills are available in three material options; 100% hydroentangled polyester, ultra-clean nonwoven and industrial grade polyester/cellulosic. Call our dedicated cross-functional team to discuss the best option for your application.

## BSC-10 Electronics Cleaner

*Drop in replacement for BIOACT-SC10!*

BSC-10 Electronics Cleaner (BSC) is the ultimate solvent product for benchtop defluxing and stencil/misprint cleaning. Effectively removes reflowed lead and lead-free paste residues, solder pastes, uncured SMD adhesives, silicone and acrylic conformal coatings and baked-on residues.

Suitable alternative to IPA, HFes, HFCs, HCFC-141b and HCFC-225.



DR55BSC 55 Gallon Drum  
GA6BSC Gallons, 6/cs  
SB6BSC Spray Bottles (1 pint), 6/cs  
SW100BSC SuperSaturated SmartWipes, 12/cs  
FR100BSC-12 Foil Refill Packs, 12/cs

## SMT Stencil Cleaner

*Excellent all purpose cleaner and overall degreaser for electronic assembly manufacturing.*

SMT is an innovative formula that is safe, fast drying and odor free. Quickly and effectively removes all types of solder pastes and fluxes, UV curable inks, adhesives and thick films found in electronic assembly manufacturing. It is an excellent all purpose cleaner and overall degreaser. SMT has been approved for use by DEK in their solvent bar systems for their automatic stencil wiper assembly.



DR55SMT 55 Gallon Drum  
GA6SMT Gallons, 6/cs  
SB6SMT Spray Bottles (1 pint), 6/cs  
SW100SMT SuperSaturated SmartWipes, 12/cs  
FR100SMT-12 Foil Refill Packs, 12/cs

## OptiSmart®

*Flat Panel & Touch Screen Display Cleaner*

JNJ's display cleaner was developed for all types of glass panel displays and touch screens. This optical-quality cleaning system safely and easily cleans fingerprints, smudges, dust, dirt, oils and other contaminants without scratching the most delicate surfaces. Our cleaner will not harm or remove protective finishes such as mirror or anti-reflective coatings.

Ordering Info: SB12DC



## Epoxy & Adhesive Remover *Odorless Formula*

Epoxy & Adhesive Remover (EAD) is an advanced odorless formula for cleaning screen printable epoxies, conductive epoxies, 2-part epoxies and most varieties of glue or adhesive residues. This remover is ideal for use in electronic assembly manufacturing and all industrial applications.



GA6EAD Gallons, 6/cs  
SB6EAD Spray Bottles (1 pint), 6/cs  
SW10052EAD SuperSaturated SmartWipes, 12/cs  
FR10052EAD-12 Foil Refill Packs, 12/cs

## Ink & Screen Cleaner

Ink & Screen Cleaner (IKS) removes conductive, resistive, and dielectric thick film inks, as well as commercial inks used in the electronics and commercial printing industries. This powerful cleaner safely removes pastes, silicones and flux residues without damaging fragile emulsions. Ideal for use as a general degreaser.



DR55IKS 55 Gallon Drum  
GA6IKS Gallons, 6/cs  
SB6IKS Spray Bottles (1 pint), 6/cs  
SW100IKS SuperSaturated SmartWipes, 12/cs  
FR100IKS-12 Foil Refill Packs, 12/cs

## Paste & Flux Removers

*for Solder Paste, Semi-Aqueous & Lead-free*

Solder Paste & Flux Remover (PFR) is a highly effective defluxer/cleaner for R, RA, RMA, lead-free, no-clean, water soluble and OA solder pastes and fluxes. PFR may be used straight for maximum cleaning power or diluted for use in dip or ultrasonic tanks.



Semi Aqueous Paste & Flux Remover (AFR) is a safe cleaner to remove water soluble, rosin fluxes, solder pastes and for general degreasing applications. It works quickly to remove tough organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other difficult soils found in electronic assembly manufacturing.



Lead-Free Paste Remover (LFPR) is a safe, low cost cleaner for high tack and difficult to clean lead-free solder pastes, water soluble lead-free pastes and fluxes. LFPR dries at the right speed to enable complete cleaning without slowing down production.



DR55PFR	DR55AFR	DR55LFPR	55 Gallon Drum
GA6PFR	GA6AFR	GA6LFPR	Gallons, 6/cs
SB6PFR	SB6AFR	SB6LFPR	Spray Bottles (1 pint), 6/cs
SW100PFR	SW100AFR	SW100LFPR	SuperSaturated SmartWipes, 12/cs
FR100PFR-12	FR100AFR-12	FR100LFPR-12	Foil Refill Packs, 12/cs



## Hand Cleaners

### ● Benchtop Electronic Hand Cleaner



Benchtop Electronic Hand Cleaner (BEHC) is a high performance, general purpose saturated wipe. Used at the workstation or any location where operator/technician's hands become soiled. Cleans hands without requiring the operator to leave the work area. Certified Ionic Contamination Test results show BEHC to be well within ANSI/J-STD-001 and MIL-STD-2000 Military Standards adopted to maintain acceptable levels of cleanliness in the manufacture of electronic assemblies, circuits and components.

### ● Workstation Hand Cleaner

WorkStation Hand Cleaner (HC-C) is a high performance, general purpose saturated wipe. Cleans hands, surfaces, fixtures and tools without requiring the operator to leave the work area. Citrus scent.

### ● Industrial Hand Cleaner

Industrial Hand Cleaner (HC) is a high performance, general purpose saturated wipe featuring our industrial wipe material. Citrus scent.

**Toxic Metal Reduction:** Due to a unique solvent/surfactant blend, coupled with a powerful chelant, our hand cleaners have been laboratory certified to be effective in the removal of lead and other toxic metals from all surfaces, including the skin. Designed for operators and technicians who routinely handle soldered printed circuit boards and assemblies, solder reflow, wave soldering, solder paste screening, tin/lead plating and hot air solder leveling process.

<b>Saturated Wipes</b>	<b>Foil Refill Packs</b>
12/case	12/cs (1 canister included)
SWS901HC (BEHC)	FR901HC-12 (BEHC)
SWS902HC (HC-C)	FR902HC-12 (HC-C)
SW10052HC (HC)	FR10052HC (HC)