

reference guide...

Product	Drying Time	Odor	Cleaning Power	No Clean	RMA	Lead-Free	OA	Degreasing	Adhesives & Epoxies	Light Oils	Inks
SMT	Medium	None	Regular	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
PFR	Medium	Moderate	Aggressive	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
AFR	Medium	Mild	Regular	No	Yes	Yes	Yes	Yes	No	Yes	No
IPA/DI	Fast	Mild	Moderate	No	Yes	Yes	Yes	Yes	No	Yes	No
IPA	Very Fast	Mild	Moderate	No	Yes	Yes	Yes	Yes	No	Yes	No
IKS	Medium	Moderate	Regular	No	Yes	No	Yes	Yes	No	Yes	Yes
EAD	Fast	Strong	Aggressive	No	Yes	No	No	Yes	Yes	Yes	Yes
BIO	Medium	Moderate	Aggressive	Yes	Yes	Yes	Yes	No	Yes	No	No
LFPR	Fast	Moderate	Aggressive	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AQP	Slow	None	Moderate	Yes	Yes	Yes*	Yes	Yes	Yes*	Yes	Yes
SMA	Slow	Mild	Moderate	Yes	Yes	Yes*	Yes	Yes	Yes*	Yes	Yes
HDD	Slow	None	Strong	No	No	No	Yes	Yes	Yes	Yes	Yes
BEHC	Fast	Mild	Regular	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HC-C	Fast	Mild	Regular	No	No	No	No	Yes	Yes	Yes	Yes
HC	Fast	Mild	Aggressive	No	No	No	No	Yes	Yes	Yes	Yes

*when used in an ultrasonic cleaner

aqueous cleaners >>>

AquaSonic® Cleaners

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. SCAQMD Approved! 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.

Ordering Information

DR55AQP	DR55SMA	55 Gallon Drum
GA6AQP	GA6SMA	Gallons, 6/cs
SB6AQP	SB6SMA	Spray Bottles (1 pint), 6/cs
SW100AQP	SW100SMA	SuperSaturated SmartWipes, 12/cs
FR100AQP-12	FR100SMA-12	Foil Refill Packs, 12/cs

The Perfect Complement

JNJ's SmartHolder was designed specifically for our SuperSaturated SmartWipes® canisters to keep them readily



available and easily accessible. Suitable for all professional environments. Ordering Info: SH1 and SH10

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.



our product lines >>>

- > GlobalTech® Solvents
- > Squeegee Blades & Holders
- > SmartRolls® Understencil Wiping Rolls
- > SuperSaturated SmartWipes®
- > SmartWipes® Drywipes

essentials >>>

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



JNJ Industries

Chemicals

TECHNOtalk

solutions >>>

Foil Refill Packs

Make everyday changes...reuse, recycle and reduce to protect the environment! Our complete line of SuperSaturated SmartWipes® 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 of saturated wipes into the matching GlobalTech canister. Foil Refill Packs come saturated with 100 - 6" x 9" wipes.



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.

JNJ's GlobalTech Chemical Division delivers a complete line of innovative and unique formulations for use in electronic assembly manufacturing and precision cleaning applications. Our chemical portfolio of environmentally responsible solvents contain low volatile organic compounds (VOC), zero hazardous air pollutants (HAP) and global warming potential (GWP), and are CFC/HCFC free. Our cutting-edge cleaning technologies provide safer, better-performing, higher-quality and more eco-sustainable products in convenient delivery systems for optimum value and utility. As the complexity of the SMT PCB assembly continues to advance and the evolution of sensitive high-tech de-

VICES demand products that optimize performance, trust in our application specific chemistries to improve your cleaning efficiency and process. Ideal in a variety of cleaning methods such as; ultrasonic machines and batch defluxing systems, stencil and misprint cleaners or manual applications. Every step of the manufacturing, filling and shipping is handled under strict manufacturing controls, enabling us to offer products of the highest reliability to meet today's performance, compatibility and environmental requirements. We supply these products in a range of concentrations and in several packaging options including; drums, gallons, sprays, saturated wipes and foil refill packs.



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



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environmentally safe family of products >>>

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 Ordering Information

DR55IPA	55 Gallon Drum
GA6IPA	Gallons, 6/cs
SB6IPA	Spray Bottles (1 pint), 6/cs
SW100IPA	SuperSaturated SmartWipes, 12/cs
FR100IPA-12	Foil Refill Packs, 12/cs

IPA/DI Ordering Information

DR55IPA/DI	55 Gallon Drum
GA6IPA/DI	Gallons, 6/cs
SB6IPA/DI	Spray Bottles (1 pint), 6/cs
SW100IPA/DI	SuperSaturated SmartWipes, 12/cs
FR100IPA/DI-12	Foil Refill Packs, 12/cs



SMT Stencil Cleaner

Odorless • Fast Drying • Zero Residue • Non-flammable



SMT Stencil Cleaner (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.

Ordering Information

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



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.

Ordering Information

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

hand cleaners >>>

Benchtop, WorkStation & Industrial Hand Cleaners

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 (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 (HC) is a high performance, general purpose saturated wipe featuring a smooth side for lighter clean-ups and a textured side for tougher jobs. 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.

Ordering Information

SWS901HC (BEHC)	SWS902HC (HC-C)	SW100HC (HC)	SuperSaturated SmartWipes, 12/cs
FR901HC-12	FR902HC-12	FR100HC-12	Foil Refill Packs, 12/cs



BIOACT® SC-10 Electronics Cleaner

BIOACT SC-10 Electronics Cleaner (BIO) is a mixture of highly-refined, polar and non-polar solvents designed for hand-wipe and immersion applications. Formulated to quickly remove uncured SMD adhesives and unreflowed solder paste from stencil and misprinted assemblies. Suitable replacement for IPA, hydrofluoroethers, hydrofluorocarbons, HCFC-141b and HCFC-225.

Ordering Information

DR55BIO	55 Gallon Drum
GA6BIO	Gallons, 6/cs
SB6BIO	Spray Bottles (1 pint), 6/cs
SW100BIO	SuperSaturated SmartWipes, 12/cs
FR100BIO-12	Foil Refill Packs, 12/cs

BIOACT is a registered trademark of Petroferm

paste & flux removers >>>

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



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.



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.

Ordering Information

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

Epoxy & Adhesive Cleaner

Epoxy & Adhesive Cleaner (EAD) is a super strong and aggressive solvent for cleaning screen printable epoxies, conductive epoxies, 2-part epoxies and most varieties of glue or adhesive residues.

Ordering Information

DR55EAD	55 Gallon Drum
GA6EAD	Gallons, 6/cs
SB6EAD	Spray Bottles (1 pint), 6/cs
SW100EAD	SuperSaturated SmartWipes, 12/cs
FR100EAD-12	Foil Refill Packs, 12/cs

