

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
BSC	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 cleaner >>>

AquaSonic® Cleaner



AQUEOUS CLEANER FOR SOLDER PASTE & FLUX (AQP)

- SCAQMD Approved!
- Environmentally friendly
- Ion free
- No hazards
- Worker friendly
- Synthetic and plastic safe

• Free of hydrocarbons, phosphates silicates, saponifiers, builders or chelating agents (with little surfactants).

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. This technology drastically improves the cleaning efficiency by minimizing the amount of rinse water needed. AQP is suitable for ultrasonic cleaning machines and manual cleaning.

SW100AQP SuperSaturated SmartWipes, 12/cs
FR100AQP-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 >>>

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

essentials >>>

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



Saturated Wipes

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. One canister included in each FRP case.



GlobalTech® SuperSaturated SmartWipes® More choices to maximize performance!

JNJ Industries saturated wipes offer a distinct cleaning advantage to achieve increased productivity, safer handling and use, reduce waste and enhance profitability.

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 percent. Available in three durable, solvent retentive material substrate options made from polyester, polyester/cellulose blend or melt-blown 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!



Logs

JNJ's 100 count perforated logs are available in three material options; 100% hydroentangled polyester, industrial grade polyester/cellulose and dual action melt-blown polypropylene. These convenient logs may be saturated with the chemistry and saturation levels of your choice or used dry. For use in our standard saturated wipe canister.

PLOG-100 Polyester Logs, 6" x 9"
PLOG-10052 Industrial Logs, 6" x 9"
PLOG-10056 Dual Action Logs, 6" x 9"



290 Beaver Street
Franklin, MA 02038
800.554.9994 · 508.553.0529

jnj-industries.com
sales@jnj-industries.com

environmentally safe family of products >>>

Isopropyl Alcohol & Isopropyl Alcohol w/ DI Water

- Polyester and industrial material options
- Universal cleaner
- Extremely economical
- Dries spot free ~ no rinse required
- Drying agent
- Very fast evaporator
- Highly effective
- Low toxicity
- Mild odor
- Non-aggressive
- Non-corrosive
- Disinfectant
- Plastic safe
- Ultra-pure for critical electronic cleaning

SW100IPA	SW100IPA/DI	SuperSaturated SmartWipes, 12/cs
FR100IPA-12	FR100IPA/DI-12	Foil Refill Packs, 12/cs
SW10052IPA	SW10052IPA/DI	Industrial SuperSaturated SmartWipes, 12/cs
FR10052IPA-12	FR10052IPA/DI-12	Industrial Foil Refill Packs, 12/cs



SMT Stencil Cleaner

Odorless · Dries Quickly · Zero Residue · Non-flammable

- Excellent all purpose cleaner and overall degreaser
- High performance
- Dries to zero residue
- Fast drying
- High flash point
- Low toxicity
- Odor free
- No rinsing required
- Plastic safe
- Will not harm fiducials



SW100SMT SuperSaturated SmartWipes, 12/cs
FR100SMT-12 Foil Refill Packs, 12/cs

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

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

Drop In Replacement For BIOACT-SC10!



BSC-10A ELECTRONICS CLEANER

- Excellent solvency
- Exceptional polarity
- Fast dry time
- Low surface residue
- Replaces toxic substances
- Soil loading properties

SW100BSC SuperSaturated SmartWipes, 12/cs
FR100BSC-12 Foil Refill Packs, 12/cs

EPOXY & ADHESIVE CLEANER

- Excellent wet out and penetration: gets under wet and cured epoxies
- Fast evaporator
- High flash point
- Low toxicity
- Non-corrosive



SW100EAD SuperSaturated SmartWipes, 12/cs
FR100EAD-12 Foil Refill Packs, 12/cs

INK & SCREEN CLEANER

- Completely water soluble
- Dries to zero residue
- Fast evaporator
- High flash point
- Low toxicity
- Non-corrosive

SW100IKS SuperSaturated SmartWipes, 12/cs
FR100IKS-12 Foil Refill Packs, 12/cs



paste & flux removers >>>

LEAD-FREE PASTE REMOVER (LFPR)

- Completely water soluble
- Dries to zero residue
- Dries fast
- Low cost
- Low toxicity
- No foaming
- No rinsing required



SEMI AQUEOUS PASTE & FLUX REMOVER (AFR)

- Completely water soluble
- Dries to zero residue
- High flash point
- Low cost
- Low toxicity
- No rinsing required
- Non-foaming



SOLDER PASTE & FLUX REMOVER (PFR)

- Completely water soluble
- Dries to zero residue
- Fast evaporator
- Highly effective
- No rinsing required
- Strong aggressive cleaner
- Superior defluxing properties
- High flash point



SW100LFPR SW100AFR SW100PFR SuperSaturated SmartWipes, 12/cs
FR100LFPR-12 FR100AFR-12 FR100PFR-12 Foil Refill Packs, 12/cs

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.



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



Features & Benefits

- Protects the environment
- CFC/HCFC free chemistries
- Low or zero GWP, HAP, ODP
- Not regulated under SARA & CAA
- All ingredients listed on TSCA Inventory
- Low VOC emissions
- SNAP approved
- Non-hazardous
- Low toxicity & odor
- Penetrates quickly to safely remove soils
- Wipe material options
- Wipes are strong, durable & tear resistant
- Spill & splash proof
- Eliminates splash pan & drum storage
- Reduce solvent usage
- Fast evaporation
- Boosts productivity
- Operator doesn't have to leave work area
- Ideal for all work areas: benchtop, assembly, inspection, testing, packaging & field services
- Reduces benchtop cleaning costs
- Reclosable dispenser

Q: Does the saturation level of the wipe have an impact on cleanliness?

A: Yes! JNJ's application specific products are saturated to the ideal level to provide real benefits in manual surface cleaning. Testing indicates that a wipe saturated beyond its ability to hold solution left a surface with more contaminants than any other level of saturation. Levels below the saturation limit of the wipe consistently resulted in fewer contaminants left on the wiped surface.

