reference guide...

Product	Drying Time	Odor	Cleaning Power	No Clean	RMA	Lead-Free	OA	Degreasing	Adhesives & Epoxies	Light Oils	Inks
SMT	Fast	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	Medium	None	Regular	Yes	Yes	Yes	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
BEHC	Fast	Mild	Regular	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
НС-С	Fast	Mild	Regular	No	No	No	No	Yes	Yes	Yes	Yes
НС	Fast	Mild	Aggressive	No	No	No	No	Yes	Yes	Yes	Yes



Logs

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

Technical Specs

PLOG-100 Polyester Logs, 6" x 9"
PLOG-1004 Critical-Clean Logs, 6" x 9"
PLOG-10052 Industrial Logs, 6" x 9"
SW100NC Polyester Logs w/ Canister
SW1004NC Critical-Clean Logs w/ Canister
SW10052NC Industrial Logs w/ Canister

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

The Perfect Complement

JNJ's SmartHolder was designed specifically for our SuperSaturated Smart-Wipes[®] canisters to keep them readily



available and easily accessible. Suita ble 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® Chemicals
- > 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 costefficient 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 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® 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%. Available in three durable, solvent retentive material substrate options made from polyester, polyester/cellulose blend or cellulose polypropylene, these wipes maximize the ability, con-

sistency 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!



environmentally safe family of products >>>

Isopropyl Alcohol & Isopropyl Alcohol w/ DI Water

- Polyester, Critical-Clean & Industrial material options
 Low toxicity

IPA 99% IPA /DI 70/30%





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 REMOVER

- · Odorless formula
- Excellent wet out and penetration: gets under wet and cured epoxies
- Fast acting
- · High flash point
- · Low toxicity

SW10052EAD SuperSaturated SmartWipes, 12/cs FR10052EAD-12 Foil Refill Packs, 12/cs



- 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 >>>

- Dries to zero residue
- Dries fast
- Low cost
- No foaming

SEMI AQUEOUS PASTE & FLUX REMOVER

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

SOLDER PASTE & FLUX REMOVER

- · 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 FR100LFPR-12 FR100AFR-12 FR100PFR-12 Foil Refill Packs, 12/cs

SuperSaturated SmartWipes, 12/cs

LEAD-FREE PASTE REMOVER

- Completely water soluble

- Low toxicity
- No rinsing required





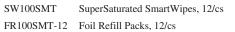


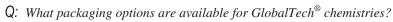
SMT Stencil Cleaner



Odor Free · 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





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.

hand cleaners >>>

become soiled. Cleans hands without requiring the operator to leave the work area. Certified Ionic Contamination Test results



wipe. Cleans hands, surfaces, fixtures and tools without requiring the operator to leave the work area. Citrus scent.



chelant, our hand cleaners have been laboratory certified to be effective in

Features & Benefits

• Ready to Use

aging & field services

- Ideal for all work areas: benchtop, assembly, inspection, testing, pack-
- Consistent saturation in each wipe
- Variety of wipe substrates available
- Wipes are strong, durable & tear resistant
- Eliminate liquid handling; spill & splash
- Boosts productivity & convenience
- Greater solvent control; reduces solvent usage
- Eliminates the spraying process
- Increased Operator & Facility Safety
- Simplifies Standard Operating Procedures (SOP's)
- Reduces worker exposure to chemicals
- Reduces VOCs
- Simplifies waste disposal
- Protects the environment with space saving and waste reducing Foil Refills Packs (FRP); allows the reuse of our canisters to significant ly reduce solid waste
- 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.*







SW100PFR