



# JNJ INDUSTRIES®

## TECHNICAL DATA SHEET

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### ISOPROPYL ALCOHOL 99%

#### PRODUCT DESCRIPTION:

JNJ Industries' GlobalTech® Isopropyl Alcohol 99% is a non-aggressive universal cleaner and disinfectant. IPA 99% is CFC and HCFC free, non-aggressive, quick drying, with only a mild odor. It removes most types of inks, pastes, light oils and contaminants associated with assembly, machining, soldering, printing and most industrial cleaning applications. Ideal for use in surface preparation prior to assembly processes that require various bonding agents such as glues and epoxies, or prior to painting or other surface finishes. Also available in Isopropyl Alcohol & DI Water (70/30 blend).

#### PRODUCT HIGHLIGHTS:

- Low odor
- Non-aggressive
- Safe for all plastics
- Cleans, degreases and is a known disinfectant
- Very fast evaporator
- Low toxicity
- Dries spot free

#### ENVIRONMENTAL:

- CFC and HCFC Free / not an ozone depleter
- Not a Hazardous Air Pollutant (HAP)
- Not regulated by Clean Air Act (CAA)
- SNAP Approved (Significant New Alternatives Policy)
- Not reportable under SARA 313
- All ingredients are listed in the TSCA Inventory (Toxic Substance Control Act)

#### APPLICATIONS:

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

#### DIRECTIONS FOR USE:

Apply liberally and work into the area to be cleaned, degreased or disinfected. Should be used at room temperature, do not elevate temperature above flash point. Care should be taken to avoid contact with spark or other sources of ignition.

#### TECHNICAL DATA:

INGREDIENTS: Isopropyl Alcohol

FREEZING POINT	BOILING POINT	FLASH PT °F	% VOLATILE	VAPOR DENSITY	VAPOR PRESSURE	SPECIFIC GRAVITY	EVAPORATION RATE	SOLUBILITY IN WATER
°C	°C	TCC	(by weight)	(air=1)	(mm Hg)	(water=1)	(BuAc=1)	
-88.5	82	53	100	2.0	33	0.786	slower than ether	complete

HAZARD RATING: Fire: 3, Toxicity: 1, Reactivity: 0 HAZARD CLASS: Flammable Liquid

IN ALL CASES REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

ISOPROPYL ALCOHOL 99%

**MATERIAL COMPATIBILITY:**

Safet for all plastics. If substrate is unknown, test sample area before general use. Per OSHA regulations, ground equipment to prevent sparking.

**METHOD OF USE:**

Benchtop use, brush, wipe or spray. Products may be dipped or immersed. May be used with batch ultrasonic cleaners and screen/stencil cleaning machines. Should be used at room temperature, do not elevate temperature above the flash point. Not for vapor condensation cleaning. Care should be taken to avoid contact with spark or other sources of ignition.

**WASTE DISPOSAL:**

For disposal methods, consult a licensed waste management firm or the appropriate local, state and federal agencies in your area. JNJ provides Foil Refill Packs for our SuperSaturated SmartWipe® canisters to help reduce environmental waste.

**STORAGE AND SHELF LIFE:**

JNJ Industries will guarantee shelf life of 12 months without breakdown, actual may be longer. Shelf life expectancy is from date of shipment. Store at room temperature.

**CONVENIENT PACKAGING:**

*...a dispenser that delivers solutions.* Industrial Isopropyl Alcohol 99%, like all GlobalTech solvents, is offered in several packaging styles to make it convenient for users to apply the product in their respective applications. Saturated wipes, Foil Refill Packs, spray bottles, gallons, and drums are the available choices.

**ISOPROPYL ALCOHOL 99% WIPES & LIQUID ORDERING INFORMATION:**

JNJ part numbering and packaging are as follows:

SW100IPA	100-wipe canister of SuperSaturated SmartWipes 6"x9", 12/case
FR100IPA-12	100-wipe replacement log in vacuum sealed Foil Refill Packs - 12/case
SB6IPA	1 pint bottle, in antistatic plastic, 6/case
GA6IPA	1 gallon container, in high density polyethylene (HDPE), 6/case
DR55IPA	55 gallon drum in high density polyethylene (HDPE)

**Also available in Isopropyl Alcohol & DI Water (70/30 blend).**

**ADDITIONAL JNJ PRODUCTS OF INTEREST:**

- SMT Stencil Cleaner
- Ink & Screen Cleaner
- Solder Paste & Flux Remover
- Isopropyl Alcohol & DI Water, 70/30
- Benchtop Electronic Hand Cleaner
- Foil Refill Packs for all SuperSat's
- AquaSonic® Aqueous Cleaners
- Polyurethane Squeegee Blades
- Metal Squeegee Blades & Holders
- SmartRoll® UnderStencil Wiping Rolls
- SmartWipe® Dry Wipes
- Custom and Private Label Services
- Ultrasonic Cleaning Equipment
- Specialized Tooling Products / Industrial Cleaners
- Converting Services

## Electronic & Industrial Equipment, Supplies & Cleaning Products

GlobalTech Technical Data Sheets are published based on sources believed to be accurate. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product. For more information see the corresponding MSDS or contact:

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