



Technical Data Sheet



GlobalTech® Critical-Clean Isopropyl Alcohol Wipes 70/30% & 99%

Product Description

GlobalTech Isopropyl Alcohol & DI Water 70/30% blend (IPA/DI) and 99% (IPA) are non-aggressive universal cleaners, degreasers and disinfectants. Critical-Clean wipe material is engineered to provide an ultraclean, yet cost effective solution for saturated wipe cleaning applications. Offering exceptional cleanliness, these wipes are suitable for use in many critical or controlled environments. Wipes are ideal for surface cleaning, preparation and finishing applications ensuring consistent processes in less time. Removes most types of inks, pastes, fluxes, light oils and other contaminants associated with assembly, machining, soldering and printing. Ideal for use in all types of manufacturing or assembly processes. Other IPA and IPA/DI wipe material options: polyester and industrial grade.

Features

Dries spot free	Low toxicity
Drying agent	Mild odor
Extremely economical	Plastic safe
Flux thinner	Perfect for critical electronic cleaning
Highly effective	Very fast evaporator

Applications

Control systems	Office and medical equipment
Electronics maintenance	PC boards and components
Fiber optics and connectors	Production equipment
Hard-line coax cable	Relays
Most industrial cleaning	Screens and stencils

Ingredients

(IPA/DI) Isopropyl Alcohol & DI Water / (IPA) Isopropyl Alcohol

Physical & Chemical Properties

	IPA/DI	IPA
Appearance	Liquid Saturated on Wipe	Liquid Saturated on Wipe
Boiling Point (approx)	179°F / 82°C	179°F / 82°C
Evaporation Rate (BuAc=1)	Slower Than Ether	Slower Than Ether
Flash Point TCC	64°F / 18°C	53°F / 12°C
Melting/Freezing Point	-128°F / -89°C	-128°F / -89°C
Odor	Mild	Mild
% Volatile (by weight)	100	100
pH	7	7
Solubility In Water	Complete	Complete
Specific Gravity (water=1)	0.88	0.786
Vapor Density (air=1)	2	2
Vapor Pressure (mm Hg)	33	33
Viscosity	NA	NA
VOC (g/L)	599	787

Hazard Data

Hazard Ratings

NFPA Health Hazard: 1, Flammability: 3, Instability: 0, Special Hazards: ND
 HMIS Health Hazard: 1, Flammability: 3, Instability: 0, Personal Protection: B

Environmental

Clean Air Act (CAA)	Not Regulated
Hazardous Air Pollutant (HAP)	No
Ozone Depletion Potential (ODP)	Zero
Significant New Alternatives Policy (SNAP)	Approved
Superfund Amendments and Reauthorization Act (SARA)	Not Reportable
Toxic Substance Control Act (TSCA Inventory)	All Ingredients Listed

Material Compatibility

Safe for all plastics. If substrate is unknown, test sample area before general use.

Waste Disposal

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

Storage & Shelf Life

IPA & IPA/DI have a 12 month shelf life from date of shipment. Store at room temperature.

Ordering Information

IPA/DI	
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR1004IPA/DI-12
Weight	18 lbs
Dimensions	17" x 13" x 9"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW1004IPA/DI
Weight	21 lbs
Dimensions	16" x 11" x 16"
IPA	
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR1004IPA-12
Weight	17 lbs
Dimensions	17" x 13" x 9"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW1004IPA
Weight	20 lbs
Dimensions	16" x 11" x 16"

IPA/DI & IPA Also Available in Gallons, Sprays and Drums

Availability

Products are available through global sales and a nationwide network of distributors.

Environmental Policy

As a leading manufacturer and supplier of SMT production supplies; JNJ is committed to providing high quality products and services in a manner that does not impact upon, but enhances the environment.

The data supplied in this document is for guidance only and is not intended to serve as a specification or recommendation. 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 and reserves the right to change the above data without notice. For more information refer to the corresponding Safety Data Sheet.

