



# Technical Data Sheet



## GlobalTech® Isopropyl Alcohol 99%

### Product Description

GlobalTech Isopropyl Alcohol 99% (IPA) is a highly effective universal cleaner, degreaser and disinfectant. Removes 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. Saturated wipe material options: polyester, industrial grade and critical-clean. Available in Isopropyl Alcohol & DI Water 70/30% blend.

### Features

Dries spot free	Mild odor
Drying agent	Non-aggressive
Extremely economical	Plastic safe
Flux thinner	Ultra-pure for critical electronic cleaning
Low toxicity	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, stencils and squeegees

### Method of Use

Brush, wipe, spray, dip or immerse. Use at room temperature, do not elevate above the flash point. Avoid contact with spark or other sources of ignition. Per OSHA regulations, ground equipment to prevent sparking. Not for vapor condensation cleaning.

### Ingredients

Isopropyl Alcohol

### Physical & Chemical Properties

Appearance	Water Clear Liquid
Boiling Point (@ 30 mm Hg)	179°F / 82°C
Evaporation Rate (BuAc=1)	Slower Than Ether
Flash Point TCC	53°F / 11.7°C
Melting/Freezing Point	-127.3°F / -88.5°C
Odor	Characteristic
% Volatile (by weight)	100
pH	7
Solubility In Water	Complete
Specific Gravity (water=1)	0.786
Vapor Density (air=1)	2
Vapor Pressure (mm Hg)	33
Viscosity	NA
VOC (g/L)	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 has a 12 month shelf life from date of shipment. Store at room temperature.

### Ordering Information

Drums	DR55IPA
Weight	396 lbs
Dimensions	24" x 36"
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR100IPA-12
Weight	17 lbs
Dimensions	17" x 13" x 9"
Gallons (HDPE), 6/cs	GA6IPA
Weight	48 lbs
Dimensions	17" x 13" x 14"
Spray Bottles, 1 pint (16oz), 6/cs	SB6IPA
Weight	7 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes (Polyester), 100 ct, 6" x 9", 12/cs	SW100IPA
Weight	18 lbs
Dimensions	16" x 11" x 16"

### 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.

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