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# NATIONAL SOLDER CO.

## DATA SHEET ISOPROPYL ALCOHOL

### PRODUCT DESCRIPTION

IPA – Isopropyl Alcohol is a highly effective, general use cleaning solvent that is used to clean a variety of substrates and remove a variety of soils. This 99% pure IPA is available in a variety of sizes for all types of use.

- D Low surface tension
- D Effective cleaning agent
- D Removes all types of residues, oxides, oils and contaminants
- D Better than 99% pure
- D Evaporates quickly and leaves no residue
- D Safe on most plastics and elastomers
- D Contains no CFCs, HCFCs or ODP's

### TYPICAL APPLICATIONS


IPA – Isopropyl Alcohol effectively removes oils, dirt and dust from:

- D Commercial Tape, Record/Players
- D Industrial Tape, Record/Players
- D Compact disk laser readers
- D Electronic contacts
- D Tools
- D Electronic devices
- D Hard surfaces

### COMPATIBILITY

IPA – Isopropyl Alcohol is generally compatible with most materials used in electronics. As with any chemical product used, component compatibility must be determined on a non-critical area prior to use. Do not use with energized equipment.

### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	<b>82.6 °C</b>
<b>Melting Point</b>	-89 °C
<b>Vapor Density</b>	<b>786 Kg/m<sup>3</sup></b>
<b>Solubility in Water</b>	100%
<b>Specific Gravity (water = 1)</b>	0.79
<b>Evaporation Rate (Ether = 1) °</b>	<1
<b>Appearance</b>	Clear, Colorless Liquid
<b>Surface Tension (dynes/cm @25 °C)</b>	22
<b>FlashPoint (TCC)</b>	53 °F
<b>Non-Volatile Residue</b>	<100 ppm
<b>RoHS Compliant</b>	
<b>Kauri-Butanol (KB) Number</b>	80
<b>Shelflife</b>	2 years after opening

<u>Material</u>	<u>Compatibility</u>
Aluminum	Excellent
Buna-N	Good
CPVC	Excellent
Epoxy	Excellent
Neoprene	Good
Noryl <sup>®</sup>	Excellent
<b>Phenolic</b>	Excellent
Cross-Linked PE	Good
Polycarbonate	Poor
Polypropylene	Good
Polystyrene	Poor
PVC	Fair
Teflon™	Excellent
Tygon™	Good
Viton™	Excellent

## USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

No special surface preparation is required prior to applying IPA – Isopropyl Alcohol.

## AVAILABILITY

200ml

500ml

1 litre

## TECHNICAL & APPLICATION ASSISTANCE

NASCO<sup>®</sup> provides a technical support to answer your technical and application related questions. The number is:

**0118739000.**

## ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	100%
HCFC	0.0%	HFC	0.0%
CL Solv.	0.0%	ODP	0.0

CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. The ODP (ozone depletion product) of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

### NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly.

NASCO does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

## MANUFACTURED BY:

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