

# 70/30 Isopropyl Alcohol for Electronic 8241 Technical Data Sheet

8241

## Description

8241 *Isopropyl Alcohol 70/30* is an electronics cleaner. The liquid is fully miscible with water and a large variety of organic solvents, making it good at dissolving dirt, dust, greases, and light organic contaminants. It is quick drying relative to water and leaves no residue. As it dries, it gives off a light alcohol odor, which is not bothersome and serves as a cue to limit over-exposure due to poor ventilation.

Since it is safe for paints, metals, and plastics, 8241 is widely used to clean a variety of electronic equipment and peripherals. Another use is to wash off harsh organic solvents like acetone that might damage the substrate surface.

**ATTENTION!** For LCD screens, use the specially formulated MG 8242 screen cleaners instead and for optics, use the MG 8243 lens cleaner formulation.

## Features and Benefits

- **Safely removes dust, dirt, and greases** from electronics and peripherals
- **70/30 Isopropyl Alcohol blend**
- **Available in a tub wipe dispenser, wipes, or bottles**
- **Suitable for Use in Food Facilities as a Non-Food Chemical**—Canadian and NFS recognition letters available on request (applies to 8241-T)

### ENVIRONMENT

- ✓ RoHS
- ✓ CARB Category and Limits:  
Electronics Cleaner 75%

## Storage Parameters

<i>Properties</i>	<i>Value</i>
Shelf Life @22 °C [72 °F]	5 y
Liquid/Wipe Format	2 y
Tub Format	-20 to 40 °C [32 to 104 °F]
Storage Temperature <sup>a)</sup>	

a) Storage below zero is not necessary. Cool, dry, and well ventilated area is recommended.

## Properties

<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Odor	—	Alcohol
Color	Visual	Colorless
Specific Gravity @20 °C [77 °F]	—	0.86–0.87 g/mL
Flash Point	—	18 °C [65 °F]
Auto-ignition Temperature	Literature	425 °C [797 °F]
Boiling Point	Literature	81 °C [177 °F]

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## Compatibility

It is generally compatible with plastics, paints, rubbers, and plant fibers.

## Health, Safety, and Environmental Awareness

Please see the 8241 **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

**NOTE:** This product is not intended as a disinfectant for humans or animals because it was not treated to remove possible fungal spores or rare alcohol-resistant bacterial strains.

## Application Instructions

Follow the procedure below for best results.

### To clean with wipes

1. Gently wipe the surface to be cleaned.

### To clean with liquid

1. Imbibe a clean lint-free cloth and wipe the surface.  
OR
2. Rinse area by pouring neat solution over it, with or without the use of a hog hair cleaning brush.
  - a. Ensure that wash runs off the circuit board along the shortest unencumbered path to prevent redeposit of solvated residues.  
OR
3. Immerse component in a container filled with a fresh 8241 solution.

## Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>	
<b>8241-WX25</b> <sup>a)</sup>	Wipes	2.9 mL	0.09 fl oz	2.5 g	0.08 oz
<b>8241-WX500</b> <sup>b)</sup>	Wipes	2.9 mL	0.09 fl oz	2.5 g	0.08 oz
<b>8241-T</b> <sup>c)</sup>	Tub	333 mL	11.2 fl oz	286 g	10.0 oz
<b>8241-475ML</b>	Bottle	475 mL	1.00 pt	407 g	14.3 oz
<b>8241-20L</b>	Pail	20 L	5.28 gal	17.1 kg	37.8 lb

a) Contains 25 individually packed wipes (wipe area = 5" × 6")

b) Contains 500 individually packed wipes (wipe area = 5" × 6")

c) Pack of 12 tub dispensers each containing 75 wipes (wipe area = 6" × 7")

### Supporting Products

- *Hog Hair Cleaning Brush*: Cat. No. 852
- *Large Hog Hair Cleaning Brush*: Cat. No. 853
- *Hydrowipes*: Cat. No. 8282