

## Description

The 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, disinfects surfaces, 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.

## Applications & Usages

Since it is safe for paints, metals, and plastics, the 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 Format                     | 3 y                        |
| 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 Property</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]  |

## 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.

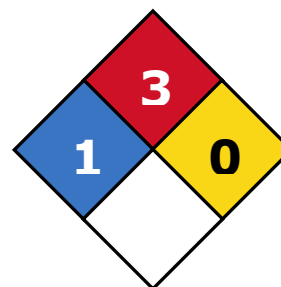
**Environmental Impact:** The 8241 has a high volatile organic content of 70%. This product is biodegradable.

**Health and Safety:** Isopropyl alcohol solution is flammable and shouldn't be used in the presence of open flames or other ignition source. Keep container closed. Avoid prolonged breathing of vapors. Use with adequate ventilation.

### HMIS® RATING

|                             |            |
|-----------------------------|------------|
| <b>HEALTH:</b>              | <b>* 1</b> |
| <b>FLAMMABILITY:</b>        | <b>3</b>   |
| <b>PHYSICAL HAZARD:</b>     | <b>0</b>   |
| <b>PERSONAL PROTECTION:</b> |            |

### NFPA® 704 CODES



*Approximate HMIS and NFPA Risk Ratings Legend:*

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

**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> |         | <i>Packaging Weight</i> |        |
|---------------------------------|------------------|-------------------|------------|-------------------|---------|-------------------------|--------|
| <b>8241-WX25</b> <sup>a)</sup>  | Wipes            | 2.9 mL            | 0.09 fl oz | 2.5 g             | 0.08 oz | 13 kg                   | 29 lb  |
| <b>8241-WX50</b> <sup>b)</sup>  | Wipes            | 2.9 mL            | 0.09 fl oz | 2.5 g             | 0.08 oz | TBD                     |        |
| <b>8241-WX500</b> <sup>c)</sup> | Wipes            | 2.9 mL            | 0.09 fl oz | 2.5 g             | 0.08 oz | TBD                     |        |
| <b>8241-T</b> <sup>d)</sup>     | Tub              | 200 mL            | 6.7 fl oz  | 172 g             | 6.0 oz  | 4.2 kg                  | 9.3 lb |
| <b>8241-20L</b>                 | Liquid           | 20 L              | 5.4 gal    | 17.7 kg           | 39.1 lb | 17 kg                   | 37 lb  |

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

b) Contains 50 individually packed wipes (wipe area = 5" x 6")

c) Contains 500 individually packed wipes (wipe area = 5" x 6")

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

### Supporting Products

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

### Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at [www.mgchemicals.com](http://www.mgchemicals.com).

Email: [support@mgchemicals.com](mailto:support@mgchemicals.com)

Phone: +(1) 800-340-0772 (Canada, Mexico & USA)  
+(1) 905-331-1396 (International)

Fax: +(1) 905-331-2862 or +(1) 800-340-0773

Mailing address: **Manufacturing & Support**  
1210 Corporate Drive  
Burlington, Ontario, Canada  
L7L 5R6

**Head Office**  
9347-193rd Street  
Surrey, British Columbia, Canada  
V4N 4E7

### Warranty

*M.G. Chemicals Ltd.* warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

### Disclaimer

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. *M.G. Chemicals Ltd.* does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.