

Description

Isopropyl alcohol is a multipurpose cleaner and solvent. It is fully miscible in water and a large variety of solvents, making it good at dissolving dirt, dust, greases, and light organic contaminants. It is quick drying relative to water alone, disinfects surfaces, and leaves no residue. As it dries, it gives off a light alcohol odor, which is not bothersome but serves as a cue to limit over-exposure due to poor ventilation.

Applications & Usages

Since it is paint, metal, and plastic safe, the 8241 alcohol solution is widely used to clean a variety of electronic equipment and peripherals. It is great for cleaning stencils, fiber optics, cables, keypads, contact pins, and more. Further, many customers use it to clean DVD or CDs. Another use is to wash off harsher organic solvents like acetone or toluene that might otherwise damage the surface.

ATTENTION! For LCD screens, use the specially formulated MG 8242 screen cleaners instead. 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 and de-ionized water blend**
- **Available as a tub wipe dispenser, individually wrapped wipes, or as a large bottle of liquid**
- **Food Safe (Category K2) for incidental contact**

ENVIRONMENT

- ✓ RoHS
- ✓ California VOC limits

Storage

<i>Properties</i>	<i>Value</i>
Shelf Life @ 23 °C [73 °F]	5 years for liquid format (3 years for wipe format)
Storage Temperature*	-20 to 40°C [32 to 104 °F]

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

NOTE: Individually packaged wipes use a highly impermeable package to prevent drying.

Properties

<i>Physical Property</i>	<i>Method</i>	<i>Value</i>
Odor	—	Alcohol
Color	Visual	colorless
Specific gravity at 20 °C [77 °F]	—	0.8765
Flash Point	—	18 °C [65 °F]
Autoignition	Literature	399 °C [750 °F]
Boiling Point	Literature	82 °C [180 °F]
Refractive Index	Literature	1.3708–1.3714

Compatibility

It is generally compatible with plastics, paints, rubbers, and plant fibers. Do not use for LCD and optics since these 70% v/v solution is often too strong for antiglare coatings often associated with screen and optics. For such LCDs and optics, use the 8242 and 8243 series of cleaning products respectively.

Health, Safety, and Environmental Awareness

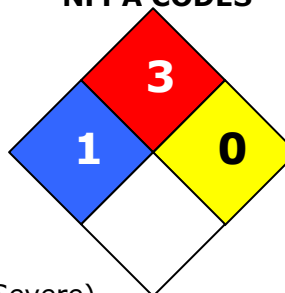
Please see the 8241 **Material Safety Data Sheet** (MSDS) for more details on transportation, storage, handling and other security guidelines.

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

HMIS RATING

HEALTH:	1
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	0

NFPA CODES



Approximate HMIS and NFPA Risk Ratings Legend:

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

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. Not for use as disinfectant for humans or animals.

Application Instructions

Follow the procedure below for best results.

To clean residues

1. Imbibe clean cloth or use pre-saturated wipes.
2. Wipe the surface.
OR
3. Immerse component in a container filled with 8241 solution.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Form</i>	<i>Net Volume</i>		<i>Net Weight</i>		<i>Shipping Weight</i>	
8241-WX25	Wipes	-	-	2.5 g	2.2 oz	13 kg ^{a)}	28 lb
8241-T	Tub Dispenser	-	-	-	-	3.6 kg ^{b)}	8.0 lb
8241-20L	Liquid	20 L	5.4 gal	17.7 kg	39.1 lb	18 kg	40 lb

a) Carton of 100 boxes containing 25 individually packed wipes (wipe area = 5" × 6")

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

Supporting Products

- MG 852 or 853 Hog Hair cleaning brushes

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.

Email: support@mgchemicals.com

Phone: 1-800-340-0772 Ext. 130 (Canada, Mexico & USA)

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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.

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