70/30 Isopropyl Alcohol for Electronic 8241 Technical Data Sheet

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.

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

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

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

Properties

Physical Properties	*Method*	*Value*
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.

Rev. Date: 22 Oct 2021 / Ver. 1.2

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

Cat. No.	*Packaging*	*Net Volume*		*Net Weight*	
8241-WX25 a)	Wipes	2.9 mL	0.09 fl oz	2.5 g	0.08 oz
8241-WX500 b)	Wipes	2.9 mL	0.09 fl oz	2.5 g	0.08 oz
8241-WX2500 c)	Wipes	2.9 mL	0.09 fl oz	2.5 g	0.08 oz
8241-T	Tub	333 mL	11.2 fl oz	286 g	10.0 oz
8241-TCA	Tub	333 mL	11.2 fl oz	286 g	10.0 oz
8241-TX12 d)	Tub	333 mL	11.2 fl oz	286 g	10.0 oz
8241-475ML	Bottle	475 mL	1.00 pt	407 g	14.3 oz
8241-945ML	Bottle	945 mL	32.0 fl oz	811 g	28.6 oz
8241-945MLCA	Bottle	945 mL	32.0 fl oz	811 g	28.6 oz
8241-945MLX6	6 Bottles	5.67 L	1.49 gal	4.6 kg	10.7 lb
8241-945MLCAX6	6 Bottles	5.67 L	1.49 gal	4.6 kg	10.7 lb
8241-20L	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) Contains 2500 individually packed wipes (wipe area = 5" × 6")
d) Pack of 12 tub dispensers each containing 75 wipes (wipe area = 6" × 7")

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 (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

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.