



TECHSPRAY®

Technical Data Sheet

Zero Charge Hand Lotion

1702

Techspray's ESD-safe products can help maintain work areas within the ANSI/ESDS20.20 standards set by the ESD Association (www.esda.com).



In a static-free environment, the work area, tools and personnel form a circuit (see diagram to right). Electrostatic Discharge (ESD) occurs when the charges of two surfaces with a large electronic potential (difference) equalize instantaneously. The resulting discharge or spark can cause catastrophic or latent damage to electronic components.

ESD programs maintain an equal potential by maintaining continuous contact with ground, avoiding ESD damage. Cleaners, lotions, and coatings are an integral part of an ESD control program.

Non-greasy, non-contaminating hand lotion for ESD environments

Improves contact between personnel and grounding devices such as wrist straps and heel straps. Does not contain silicone, lanolin, mineral oil and other materials found in conventional hand lotions that can interfere with PCB manufacturing. Blend of moisturizers, aloe vera, and vitamins A and E penetrate rapidly leaving skin soft without a greasy film.



- Improves wrist and heel strap contact
- Non-flammable
- Non-ozone depleting
- Does not contain silicone or lanolin
- Non-contaminating — does not interfere with soldering
- Non-greasy

Product Packaging

1702-8FP
Zero Charge Hand Lotion
8 oz
24 units/case



1702-G
Zero Charge Hand Lotion
1 gal
1 units/case



Instructions

Apply small amount of lotion to hands and wrists. Massage into skin. Use at start of day, after hands have been washed or anytime skin is dry.

Chemical & Physical Properties

Appearance	White, viscous, opaque cream
Odor	Pleasant
Flash Point	none
VOC (EPA)	
VOC (CARB)	
Boiling Point	100°C (212°F)
Density	





Chemical Composition

CHEMICAL NAME	CAS #
Ethanol, 2, 2', 2''-nitrilotris	102-71-6
1,2,3- Propanetriol	56-81-5
1,2-Propanediol	57-55-6
Diazolidinyl Urea	78491-02-8
2-Propenoic acid, homopolymer	9003-01-4
Benzenesulfonic acid, dodecyl-, compd. with 2,2',2''-nitrilotris(ethanol) (1:1)	27323-41-7
1-Octadecanol	112-92-5
1-Hexadecanol	36653-82-4
Sodium lauryl sulfate	68585-47-7
Tetradecanoic Acid, 1-Methylethyl Ester	110-27-0

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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Countries Outside US

Call to locate a distributor in your country

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