

Reztore® ESD Hand Lotion & Clean Hand Lotion Application Instructions



Made in the
United States of America



Figure 1. Reztore® ESD Hand Lotion & Reztore® Clean Lotion

Description

Desco Industries Reztore® ESD Hand Lotion and Reztore® Clean Lotion are specially formulated for use in the electronic manufacturing environment. Per ESD Handbook TR20.20 paragraph 5.3.2.4.3 Test Procedure, "If the [wrist strap test] resistance is still too high, dry skin might be the problem. Dry skin conditions can be resolved by applying moisturizing lotion on the wrist and repeating the resistance test again. The moisturizing lotion should be one that is compatible with process requirements." The moisturizing hand lotion can be used to enhance the effectiveness of ESD control wrist straps, particularly for individuals with dry skin. It will absorb immediately into the skin without interfering with grip or dexterity. The lotion is free of chemicals that may adversely affect solderability or cause corrosion of electronic components. Reztore® ESD Hand Lotion and Reztore® Clean Lotion are an alcohol-free formula. Reztore® Hand Lotion is available in 8 oz. (235 mL) plastic bottles (sold in cartons of twelve bottles) and in 32 oz. (1 litre) bottles with pumps.

Reztore® Hand Lotion can also be used with ESD footwear. Per ESD Handbook TR20.20 section 5.3.3.5 Common Testing Problems "Occasionally, footwear may indicate a high resistance. Outside of the shoe material itself being a contributor to high resistance, the wearer's skin (if dry), heavy or insulative socks, or the absence of a sweat layer due to differences in temperature between the inner surfaces of the shoes and the wearer's feet."

General Guidelines

Reztore® Hand Lotion can be applied to hands and wrists to increase the conductivity of the skin and reduce skin dryness. It is not recommended for application to the face. The lotion is chemically and biologically stable and is free of soaps, glycerin, lanolin, silicone and mineral oil. Avoid contact with eyes. If eye contact occurs wash with water.

Directions

Apply a small amount of Reztore® Hand Lotion onto the palm of the hand. Using your hands, rub the lotion into skin areas which are either dry or where increased conductivity is desired, especially on the wrists where the wrist strap will be in direct contact. Gently rub the lotion into the skin until it is absorbed. Remove the excess lotion with a towel.

Physical Properties

Color	White
Odor (Unscented Lotion)	Unscented
Odor (Scented Lotion)	Peach fragrance
pH	7.5 ± .5
% Solids	7.5 ± 2%
Contaminants	No soap, lanolin, silicones, or mineral oil
Package:	8 oz. (235 mL) plastic squeeze bottles 32 oz. (1 L) bottle with pumps
Freeze	Passes three freeze-thaw cycles
Surface Resistance	< 1.0 x 10 ⁹ ohms and ≥ 1.0 x 10 ⁶ ohms

Features - Benefits

- Moisturizing formula improves wrist strap contact with skin and relieves chapping and insulating dry skin
- Free of contaminants so that nothing is transferred to the work
- Non-acidic to prevent corrosion of electronic components
- Contains aloe vera, moisturizers, and vitamins to promote healing and help achieve healthier hands and nails
- No lanolin, silicone, mineral oil, or insulators that will contaminate electronic components

Storage

Reztore® Hand Lotion does not have a set life span. The chemicals are not known to degrade over time when stored at the proper temperature conditions as stated in the Safety Data Sheet. We also recommend that this product be stored in its original container and be sealed when not in use.

RoHS, REACH, and Conflict Minerals Statement

See Desco Industries RoHS, REACH, and Conflict Minerals Statement:

DescoIndustries.com/pdf/Regulatory.pdf

Desco Industries Limited Warranty

See Desco Industries Limited Warranty:

DescoIndustries.com/Warranty.aspx

Safety Data Sheets

[US Safety Data Sheet](#)

[UK Safety Data Sheet](#)

Reztore® ESD Hand Lotion and Reztore® Clean Lotion are available from these brands:

MENDA

for service and support in North America

8 Ounces	Scented	35660
8 Ounces	Unscented	35659
32 Ounces	Scented	35661
32 Ounces	Unscented	35667

DESCO EUROPE

for service and support in United Kingdom and Europe

235 mL	Scented	229630
950 mL	Unscented	35667