



Made in America

## Application Instructions

## Reztore™ ESD Hand Lotion and Reztore™ Clean Hand Lotion



35665

35666

Figure 2. Reztore™ Hand Lotions, 8 oz. bottles

### Description

Menda 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." These moisturizing hand lotions can be used to enhance the effectiveness of ESD control wrist straps, particularly for individuals with dry skin. They will absorb immediately into the skin without interfering with grip or dexterity. Both lotions are free of chemicals that may adversely affect solderability or cause corrosion of electronic components.

The Reztore™ Hand Lotions 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.

The Reztore™ Hand Lotions are available as the following item numbers:

|        | Scented | Unscented |
|--------|---------|-----------|
| 8 oz.  | 35665   | 35666     |
| 32 oz. | 35661   | 35667     |
| 1 gal. | 35662   | 35668     |

Item 35660 is also available as a case of twelve 8 oz. bottles.

### 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, free-salts, 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 wrist 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.

### Specifications

|                      |                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------|
| <b>Viscosity:</b>    | 6000 Brookfield 20 Speed Spindle #4                                                           |
| <b>Color:</b>        | White                                                                                         |
| <b>Odor:</b>         | Peach or Unscented                                                                            |
| <b>pH:</b>           | 7.5 ± .5                                                                                      |
| <b>Contaminants:</b> | No soap, lanolin, free-salts, silicones, or mineral oil                                       |
| <b>% Solids:</b>     | 10 ± 2%                                                                                       |
| <b>Package:</b>      | 8 oz. plastic squeeze bottles, one quart bottles with pumps, or one gallon bottles with pumps |
| <b>Freeze:</b>       | Passes three freeze-thaw cycles                                                               |

## 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

**NOTE:** The Reztore™ Hand Lotions do 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 Material Safety Data Sheet. We also recommend that this product be stored in its original container and be sealed when not in use.

### Limited Warranty

Menda expressly warrants that for a period of one (1) year from the date of purchase, Reztore™ Hand Lotion will be free of defects in material (parts) and workmanship (labor). Within the warranty period, the product will be tested, repaired, or replaced at Menda's option, free of charge. Call our Customer Service Department at 909-627-2453 for a Return Material Authorization (RMA) and proper shipping instructions and address. Include a copy of your original packing slip, invoice, or other proof of purchase date. Any unit under warranty should be shipped prepaid to the Menda factory. Warranty repairs will take approximately two weeks.

### Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

### Limit of Liability

In no event will Menda or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

3651 Walnut Avenue, Chino, CA 91710

Phone: (909) 627-2453 • Fax (909) 755-8848 • Website: MendaPump.com

**Reztore™ ESD Hand Lotion and Reztore™ Clean Hand Lotion**

**1. IDENTIFICATION OF THE PRODUCT AND OF THE ENTERPRISE**

Chemical name: Reztore™ ESD Hand Lotion

**Manufacturer** Desco Industries, Inc.  
90 Hudson Road  
Canton, MA 02021  
U.S.A.  
**Emergency** Phone: (781) 821-8370  
Fax: (781) 575-0172

**2. INFORMATION ON INGREDIENTS/COMPOSITION**

| Ingredients      | Weight | CAS-No.    | TLV-value | R-Phrases |
|------------------|--------|------------|-----------|-----------|
| Water            | 60-100 | 7732-18-5  | none      | none      |
| Propylene Glycol | 1-5    | 57-55-6    | none      | none      |
| Stearic Acid     | 1-5    | 57-11-4    | none      | none      |
| Cetyl Alcohol    | 1-5    | 36653-82-4 | none      | none      |

None of the components of this product are on the SARA Title III Section 313 Inventory

|             |                            |                                          |
|-------------|----------------------------|------------------------------------------|
| HMIS Rating | Health 1<br>Flammability 0 | Reactivity 0<br>Personal Protection None |
|-------------|----------------------------|------------------------------------------|

**3. HAZARDS IDENTIFICATION**

|            |                                                   |
|------------|---------------------------------------------------|
| Eyes       | May cause irritation, tearing, or blurred vision. |
| Skin       | May cause slight irritation of the skin.          |
| Ingestion  | May cause nausea and vomiting.                    |
| Inhalation | None known.                                       |

**4. FIRST AID MEASURES**

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| Eye Contact  | Flush with water for at least 15 minutes. Contact a physician if irritation persists.             |
| Skin Contact | Wash with soap and water. Wash clothing before reuse. Contact a physician if irritation persists. |
| Ingestion    | Drink several glasses of water. Induce vomiting. Contact a physician.                             |
| Inhalation   | Move subject to fresh air. Contact a physician if irritation persists.                            |

**5. EXTINGUISHING MEASURES**

|                            |     |
|----------------------------|-----|
| Proper Extinguishing Media | N/A |
| Protective Clothing        | N/A |

**6. MEASURES TO EXPOSURE OF PRODUCT**

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Personal Precautions      | None needed.                                                  |
| Environmental Precautions | None known.                                                   |
| Cleaning Procedures       | Mop with soap and water. Flush with copious amounts of water. |

**7. HANDLING AND STORAGE**

|          |                                                                                                                                          |
|----------|------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | No special precautions need be taken.                                                                                                    |
| Storage  | Store above 40°F to prevent freezing. Warm to melt. The maximum recommended storage temperature is 120°F. Keep container tightly closed. |

**8. EXPOSURE CONTROL/PERSONAL EXPOSURE**

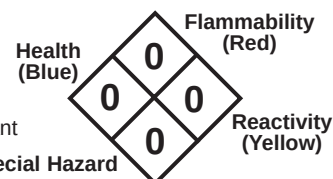
|                                |                           |
|--------------------------------|---------------------------|
| Control Parameters             | None                      |
| Other Regulations              | None                      |
| Measures For Technical Control | None                      |
| Respiratory Protection         | None                      |
| Hand Protection                | None                      |
| Eye Protection                 | None                      |
| Other Protective Equipment     | Eyewash station           |
| Work/Hygienic Practices        | Wash hands before eating. |

**NFPA Designation 704**

Degree of Hazard

4 = Extreme  
3 = High  
2 = Moderate

1 = Slight  
0 = Insignificant



**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                      |                |                                                                           |          |
|--------------------------------------|----------------|---------------------------------------------------------------------------|----------|
| Form                                 | Viscous liquid | Solubility in water                                                       | Complete |
| Color                                | White lotion   | Vapor Pressure (mmHg)                                                     | N/A      |
| Smell                                | Peach or none  | Vapor Density (air = 1)                                                   | N/A      |
| pH                                   | 6.5 - 7.5      | Density at 20°C                                                           | N/A      |
| Boiling Point                        | >200°F (100°C) | Specific Gravity (H2O = 1)                                                | 1.01     |
| Melting Point                        | >150°F         | Inflammability Classification according to EC-regulations "non-flammable" |          |
| Flash Point at °C                    | Noncombustible | Ignition Temperature                                                      | N/A      |
| Inflammability Limits (vol.% in air) | N/A            | Evaporation Rate                                                          | N/A      |

**10. STABILITY AND REACTIVITY**

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Stability/Reactivity    | Stable product at normal conditions.             |
| Conditions to avoid     | Temperatures above 49°C/120°F and below 1°C/34°F |
| Materials to avoid      | None                                             |
| Hazardous Decomposition | None                                             |

**11. TOXICOLOGICAL INFORMATION**

|                 |                                   |
|-----------------|-----------------------------------|
| Acute toxicity  | No data available on the product. |
| Special Effects | None Known                        |

**12. ECOLOGICAL INFORMATION**

No environmental hazards have been reported or known

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Mobility              | The product is aqueous and will be separated in aqueous conditions |
| Degradability         | N/A                                                                |
| Bioaccumulation       | Not likely                                                         |
| Ecotoxicity           | None known                                                         |
| Reference to BimSchV  | N/A                                                                |
| Hazard Classification | Non Hazardous                                                      |

**13. DISPOSAL CONSIDERATIONS**

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Product                | Ensure the disposal is in accordance with local authorities. |
| Hazardous Waste Number | Nonregulated                                                 |

**14. TRANSPORT INFORMATION**

This product is not flammable or sensitive to shock. Transport according to local regulations.

**15. REGULATORY INFORMATION**

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical/Chemical       | Non-flammable                                                                                                                                                                            |
| Risk-phrase             | (R22): Harmful if swallowed; (R36): Irritating to the eyes.                                                                                                                              |
| Safety Phrase           | (S2): Keep away from children; (S7): Keep containers well closed; (S25): Avoid contact with eyes; (S46): If swallowed, seek medical advice immediately and show this container or label. |
| EU Classification       | This product does not have to be classified according to the EU Regulations.                                                                                                             |
| (67/548/EEC-88/379/EEC) |                                                                                                                                                                                          |

**16. OTHER INFORMATION**

|                     |      |
|---------------------|------|
| Further Information | None |
|---------------------|------|

**Disclaimer**

The information given in this publication has been worked up to the best of the knowledge of Desco Industries Inc., as well as taking into consideration the applicable laws and regulations. We cannot anticipate all conditions under which this information and our products or the products of the manufacturers in combination with our products may be used. We accept no responsibility for the results obtained by the application information or the safety and suitability of our product or combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and end users assume responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.