



# UNITED

LABORATORIES

**United 717 ESA Multi-Purpose Industrial Descaler** is a versatile descaling product that quickly and safely removes lime, rust, calcium, scale and hard water deposits from a variety of acid-resistant hard surfaces. **United 717 ESA Multi-Purpose Industrial Descaler** may be applied by brush, spray or as a dip tank solution.

**United 717 ESA Multi-Purpose Industrial Descaler** features Earth Smart® Acid Technology:

- That dissolves calcium carbonate scale two to three times faster than phosphoric acid products.
- That is much milder to steel, aluminum and skin than traditional acids used in descaling products.
- That is phosphate-free and contains no VOCs.

#### DIRECTIONS FOR USE:

**GENERAL PURPOSE CLEANING AND DESCALING:** Dilute with 1 to 10 parts of water depending upon soil and scale to be removed. Soak for 3 to 10 minutes. Rinse thoroughly with clean water.

**FOR GENERAL USE AS A RUST REMOVER ON ACID-RESISTANT SURFACES:** Dilute with 1 to 10 parts of water depending on density of rust stain to be removed. Test in an inconspicuous area prior to large application to assure the product will not attack the surface. Soak for 3 to 60 minutes. Rinse thoroughly with water.

**TO REMOVE SCALE IN DISHWASHING MACHINES:** Apply 1/2 to full strength. Allow 5 to 10 minutes of contact and then run machine through 2 rinse cycles.

**TO REMOVE SCALE AND HARD WATER DEPOSITS FROM ICE MAKERS:** Dilute with 5 to 10 parts water. Soak parts and surfaces until clean. Rinse thoroughly with clean water.

**TO REMOVE SCALE AND HARD WATER DEPOSITS IN STEAM TABLES:** Apply at 1/2 to full strength. Allow 5 to 10 minutes of contact time. Rinse thoroughly with clean water.

**TO REMOVE HARD WATER DEPOSITS AND SPOTS FROM GLASSES AND DISHES:** Wash in normal manner. Then soak them in solution 8 to 10 oz. of **United 717** per gallon of water. Rinse thoroughly with clean water.

**TO REMOVE SCALE AND BUILD-UP FROM POTS, PANS, COFFEE URNS, ETC.:** Soak items to be cleaned in solution of 6 to 10 oz. of **United 717** per gallon of water for 10 to 15 minutes. Rinse thoroughly with clean water.

**TO REMOVE MILKSTONE FROM PROCESSING KETTLES AND UTENSILS IN DAIRIES:** Use dilutions necessary may vary from application to application. Always rinse thoroughly with clean water.

## United 717

# ESA Multi-Purpose Industrial Descaler

Featuring Earth Smart® Acid Technology

## WARNING

**KEEP OUT OF REACH OF CHILDREN.**  
See other cautions on back/side panel.

#### PRECAUCION AL USUARIO:

*Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted antes de uso.*

**Manufactured and Sold Exclusively By:**  
**UNITED LABORATORIES, INC.**  
320 37th Avenue • St. Charles, IL 60174  
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#### DIRECTIONS FOR USE: (continued)

**TO REMOVE HARD WATER DEPOSITS, SCALE AND SOILS FROM DRINKING FOUNTAINS AND HOSPITAL EQUIPMENT:** Vary dilutions based on the type and amount of deposits. Always rinse thoroughly with clean water.

**TO CLEAN AND DESCALE WATER METERS AND FILTERS:** Do not dilute. Soak until clean. Rinse thoroughly with clean water.

When used as directed, **United 717 ESA Multi-Purpose Industrial Descaler** will not harm nickel plated parts.

Do not use this product on marble.

Food contact surfaces are to be rinsed with potable water after use of this product.

**WARNING:** Can cause serious eye irritation. Can cause mild skin irritation. May be harmful if swallowed.



**Do not breathe fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. **IF SWALLOWED:** Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.

Store according to local, regional, national, and international rules and regulations. Dispose of contents/container in accordance with local, regional, national, and international rules and regulations.

**CONTAINS (CAS#):** Trade Secret (Proprietary)

An SDS for this product is available through United's website, [www.unitedlabsinc.com](http://www.unitedlabsinc.com), providing 24 hour access. Please read the SDS carefully and follow all directions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.