



**693B-ES**  
**ZING**  
**DE-LIMER**

**SPECIALTIES FOR MAINTENANCE AND SANITATION SINCE 1947**



**CLEANS COLD—NO HEAT NEEDED**

**SAFER THAN HARSH ACIDS**

**HAS HIGH IMPACT  
SATURATION**

**DISSOLVES CARBONATES  
FOR QUICK RELEASE  
OF LIME SCALE**

**CONTAINS NO CFC'S OR OTHER  
OZONE DEPLETING SUBSTANCES**

**CLEANS SCALE-INCORUSTED PARTS TO LIKE NEW APPEARANCE**

**SIMPLY** immerse parts in diluted ZING solutions, use inexpensive plastic or crockery vessels; or swab onto large units.

**PROTECTS** unique Delta acid-synergizer blend delivers better job with less acidity. Minimizes or eliminates objectionable fumes. Permits manual handling of parts. Dilute solutions are harmless to sound parts.

**DISSOLVES CARBONATE DEPOSITS**—Iron, sulphur, calcium, magnesium and other insolubles quickly fall away after the "carbonate-bond" is destroyed.

**ECONOMICAL**—Added penetrating activity insures more and faster scale or rust removal per ounce.

**VERSATILE**—Generally ZING may be used whenever harsh hydrochloric or muriatic acids are indicated.

**FOR**—Soaking of water meters, pumps, engine parts. Circulatory descaling of boilers, heat exchangers and cooling towers. **Brush Cleaning** of brick, masonry, redi-mix trucks, concrete forms and molds.

Authorized by USDA for use in  
federally inspected meat and poultry plants.

**Packed in 55 Gallon Drums**

Rev. 8-5-19

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# TECHNICAL DATA

## FOREMOST 693B-ES ZING DELIMER

Rev. 1-18-19

**DESCRIPTION:** A highly acidic concentrate for efficient and thorough removal of rust, scale and oxidation from steel, iron, ferrous alloys, copper and copper alloys.

**APPLICATION:** For descaling bottle-washing machines, metal piping, dishwashing machines, steam cleaner coils, condensers, dairy equipment, boilers, storage tanks, ship tanks, gas and water meters and other general, industrial descaling requirements.

**DIRECTIONS:** **GENERAL IMMERSION CLEANING IN VATS:** Use cold at solution strength of 5% to 50% for 1 minute to 2 hours depending on amount of deposits and condition of surfaces to be cleaned.

**BOTTLE WASHING MACHINES:** Use ½ gallon of concentrate per each 15 gallon tank capacity. Operate washer for 10-15 minutes or until scale is dissolved.

**BOILERS, CONDENSERS, STEAMCLEANER COILS, ETC.:** Use 1 part of concentrate with 2-3 parts water depending upon severity of the deposit. Allow the solution to remain in the equipment for 4-6 hours in most cases, the time varying with extent and nature of the scale deposits.

After cleaning is complete follow with clear water rinse and neutralize with alkali solution such as baking soda, any Foremost general purpose cleaner or Foremost 45A Odorless Steamcleaner.

**PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN.** Contains hydrochloric acid. Causes severe eye and skin burns. Do not get in eyes, on skin, or clothing. Causes severe respiratory tract irritation. Do not breathe vapors. Vapor extremely irritating. Use with adequate ventilation. Do not take internally. When handling always wear chemical splash goggles, face shield, rubber gloves and protective clothing.

**FIRST AID: EYES AND SKIN:** In case of contact, immediately flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes under shower. Get medical attention immediately. **INGESTION:** If conscious, give large amounts of lime water or milk of magnesia or water. Get medical attention immediately. **INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Before using this product, read the Safety Data Sheet (SDS) for more detailed information regarding safe handling.

### FACTS

1. Highly concentrated
2. Minimized odor
3. Effective on mineral scale regardless of origin
4. Works quickly

### BENEFITS

1. Reduced volume of product necessary to get job done
2. Personnel appreciate the lesser harshness and absence of gagging odor
3. Reduces lime and water scale, rust and mineral deposits by chemical action
4. Scale is literally dissolved without use of mechanical aids