



# 1090A METAL TREAT

SPECIALTIES FOR MAINTENANCE AND SANITATION SINCE 1947



SMALLER UNITS DIP TREATED



MANUALLY ON  
LARGE UNITS

## ONE PRODUCT—

- Removes oily shop soils
- Removes surface rust and corrosion
- Neutralizes welds
- Deposits paint-gripping phosphate coating

## SUPERIOR PAINT ADHESION - FINER FINISH - LONGER PAINT LIFE

**FOREMOST 1090A** is odorless, non-toxic, free rinsing and presents no fire hazard. Replaces flammable solvent cleaners, with no extra labor cost. Leaves metal free of oily soils and shop contamination.

**REMOVES RUST, CORROSION AND FLUX** or converts it to a phosphatized paint-gripping surface. Foremost 1090A treated metal resists re-rusting if there is an interim between cleaning and painting.

**HIGH DETERGENCY** combined with buffered acidity leaves surfaces ready for painting with a fine etch and light phosphate coating to provide truly tenacious paint bond.

**VERSATILE**—For aluminum as well as ferrous metals. Foremost 1090A can be used as a wiped-on wipe-off cleaner-treatment, or mopped-on and water rinsed, or simply immersed, followed by wipe-off or rinse.

**PAINT GRIPPING PHOSPHATIZING**—Action of Foremost 1090A can equal results obtained with many costly multiple chemical vat and power spray arrangements. No expensive equipment with Foremost 1090A. It is tailored to the job.

### — NOTE —

Pre-paint cleaning with Foremost 1090A insures a high quality finish that no amount of extra paint coats can duplicate.

**SAVES LABOR AND MATERIAL COST —**  
Foremost 1090A is furnished in a concentrated, easy to solutionize liquid. Dilute with 3 to 10 parts water depending on severity of corrosion and soiling.

**Packed In 55 Gallon Polyethylene Lined Drum**

Rev. 8-5-15

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# TECHNICAL DATA

## FOREMOST 1090A METAL TREAT

Rev. 8-5-15

- DESCRIPTION:** A liquid, non-toxic, mild acid product that is non-flammable and does not give off offensive odors. It rinses freely, provides soil-free surfaces and improves paint adhesion without necessity of neutralization. During its long use life, this product remains a homogeneous solution without separation into component layers. Contains no sulfuric, nitric, hydrofluoric or chromic acids.
- APPLICATION:** Recommended for removal of mild deposits of rust, discolorations and stains caused by oxidation from ferrous and non-ferrous metals (such as aluminum, etc.), and for treating surfaces prior to painting operations.
- DIRECTIONS:**
- FOR VAT OPERATION:**
1. In an acid-proof vat, make a solution using 1 part Foremost 1090A to 3 parts water and heat to 180°F.
  2. Add pieces to be cleaned and/or phosphatized.
  3. Upon removing from vat, pieces should be rinsed with clean water.
  4. Once dry, pieces are ready for coating.
- FOR HAND APPLICATION:**
1. Make a solution of 1 part Foremost 1090A to 3 parts water.
  2. While wearing rubber gloves, wipe, brush, or spray solution directly onto areas being treated.
  3. Depending on temperature of metal, allow to work from 2 to 10 minutes.
  4. Wipe pieces dry with clean, lintless cloth or rinse with clean water.
  5. If rust is not completely removed with first application, repeat steps 2 through 4.
  6. Once dry, pieces are ready for coating.
- PRECAUTIONS:**
- KEEP OUT OF REACH OF CHILDREN.** Contains phosphoric 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, move 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.