

# TURCO<sup>®</sup> 4368

## INHIBITED ACID RUST, SCALE AND CORROSION REMOVER

### DESCRIPTION:

TURCO 4368 is an amber, low viscosity liquid formulated to remove rust, scale, corrosion and light soils from ferrous and nonferrous parts by immersion, circulation and pressure spray methods.

TURCO 4368 does not contain sulfuric, nitric or muriatic acids and as such, is safer for metal equipment and operating personnel. The inhibitor system used in TURCO 4368 inhibits the solution from attacking the base metal when used as directed at recommended concentrations. TURCO 4368 should not be used on magnesium or other reactive alloys.

### FEATURES:

TURCO 4368 offers these features:

1. Readily soluble in water at recommended concentration
2. Will not attack base metals when used as recommended
3. Free of sulfuric, nitric and muriatic acids
4. Does not require neutralizing post rinses
5. Used as received or diluted with water
6. Nonflammable

### USE INSTRUCTIONS:

**Tanks:** Mixing, storage tanks and associated equipment should be fabricated from stainless or other acid resistant materials. Do not use rubber-lined tanks.

**Pressure Spray:** Pressure spray equipment should be fabricated from stainless steel.

**Mixing:** Add TURCO 4368 to cool water at about 15% by volume for rust, scale, corrosion and light soil removal by immersion, circulation or pressure spraying. When used in immersion and circulating systems, solution may be heated up to 65°C, which increases the activity of the TURCO 4368/water solution and decreases the exposure period. Normally, diluted solution can also be used at room temperature. Solution can be pressure sprayed up to a temperature of 65°C.

**NOTE:** At higher concentrations and temperature, TURCO 4368/water solution, may attack some metals. Test specimens should be evaluated if TURCO 4368/water solution is used under conditions other than recommended.

**Rinsing:** Parts may be rinsed with water by any convenient method, and then coated with TURCO Water Displacing Oil to prevent flash rusting and retard corrosion. Your TURCO Sales Engineer may recommend other suitable rust and corrosion inhibitors based upon your production needs.

## **CONTROL:**

A laboratory control procedure is available upon request.

## **DISPOSAL INFORMATION:**

Dispose of spent solution per local, state and regional regulations. Refer to TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

**WARNING! Contact may cause burns to skin and eyes. May be harmful if swallowed.**

TURCO 4368 contains phosphoric acid. Avoid contact with eyes, skin and clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles, gloves, boots and apron made from acid resistant materials should be worn when handling this product. A respirator equipped with a mechanical filter should be worn when handling and using this product during mist conditions.

Store sealed containers at temperatures between 0°to 50°C

Before using this product refer to container label and TURCO MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

## **NOTICE:**

*The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.*

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