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MT- INPHOS

INHIBITED PHOSPHORIC ACID BASE METAL CONDITIONER AND RUST REMOVER



Description:

MT-INPHOS is inhibited phosphoric acid base metal conditioner and rust remover.
MT-INPHOS is a liquid compound formulated to remove rust and corrosion.
MT-INPHOS meets MIL-C-10578 D standard.

Features:

MT- INPHOS, inhibited phosphoric acid base metal conditioner and rust remover offers
These Features:

1. Rapid rust and corrosion removal.
2. May be applied by dip, spray or brush
3. May be heated or used at ambient temperature.
4. Inhibited to minimize attack on base metals.
5. Safe on mild steel, stainless steel, aluminum, copper and titanium.
6. Non-flammable.
7. No toxic.

Use instructions:

Tanks: Tanks and associated equipment may be fabricated from stainless steel.

Charging Tanks:

MT- INPHOS may be transferred to tank and used as received or diluted 50 % with water. Start mechanical agitation and slowly add MT- INPHOS to agitated tank. Add balance of cool clean water to operating level.

Operation time: 15 -30 min.

Operation temperature: from Ambient temperature to 70 °C

Preclean parts to remove heavy grease and oil. Immerse in descale solution and allow to soak. When removal is complete parts from tank and spray rinse with water or dip in clear, overflowing water. A hot water rinse will speed drying and minimize flash rusting.

Brush, wipe or spray on. Use a 25-50% MT- INPHOS by volume solution. For most applications, a 30 % solution is satisfactory. Preclean parts to remove heavy grease and oil. Apply descale solution with brush, swab or non-atomizing spray equipment and allow to dwell. Keep surface wet by additional applications of descale as required to dissolve deposits. Brush surface with a stiff bristle brush to hasten removal of heavy rust and scale deposits. When removal is complete, dip rinse in clear, overflowing water or spray rinse with water. Hot water rinsing will speed drying and minimize flash rusting.

Control:

Free acid (% 1) : 3-5

Total acid (% 1) : 7-10

pH (% 1) : 1-2

Density: 1,23 gr/cm³

Disposal information:

DANGER! Contact may cause severe burns to skin and eyes.

Contains phosphoric acid. Avoid contact with eyes and skin. Wear goggles or face shield and rubber gloves. Do not take internally.

In case of accidental contact with eyes, flood with water. If irritation persists, seek medical attention. For skin, flush thoroughly with water.

Embrittling to high strength steels. Avoid contact with descale and rinse water by thoroughly masking all high strength steel parts, such as landing gears, flap brackets and tracks.

Packaging

Packaged in 40 kgs bags or 208 kgs drums.

Storage

Store, dry area between +5, +40. Keep container closed when not in use.

Notice:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience. 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.