

# Product DATA BULLETIN

## Metal Medic 7155

Liquid Iron Phosphate / Cleaner

### INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

#### Description:

Metal Medic 7155 is a liquid iron phosphate specially designed for cleaning and phosphatizing iron, steel, zinc, and aluminum using immersion tanks, spray washers, or steam guns. It forms a uniform layer of phosphate crystals on metal surfaces, enhancing paint adhesion and offering strong protection against corrosion. This phosphate coating bonds tightly with the metal, shielding it from moisture, chemical fumes, air exposure, electrical currents, and friction—all common causes of metal degradation. Ideal for treating large or awkward parts with a steam gun when dip tanks or spray washers aren't suitable.

#### Applications:

Immersion Tanks:	3-5% solution by volume (3 gallons to 100 gallons water)
Steam Systems:	5% solution by volume (5 gallons to 100 gallons water)
Spray Washer:	2-5% solution by volume (2 gallons to 100 gallons water)
Operating Temperature:	120-150 degrees F

Parts that are soiled with oil, grease, etc., should be cleaned first with an alkaline cleaner; rinsed; then follow the phosphatizing process with a hot water rinse; and finally an inhibitive acid rinse to seal the coating.

APPROVALS: Meets or exceeds TTC-490, Type II Cleaning and Pretreatment of Ferrous Surfaces for Organic Coatings.

#### PRODUCT PROPERTIES

<b>Color</b>	Colorless to Straw Yellow Liquid
<b>Odor</b>	Sweet and Mild
<b>pH 5%</b>	2.5-3.0
<b>Foaming</b>	Low
<b>Rinsing</b>	Free and Complete
<b>Hard Water Stability</b>	Up to 500 ppm
<b>Specific Gravity</b>	1.11 - 1.15

#### PACKAGING CONFIGURATIONS

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

#### STORAGE & HANDLING

- Packaged in Polyethylene Containers
- Store Inside at Room Temperature in Original Container
- Standard Chemical Handling Practices
- Shelf Life of ~2 Years in Sealed Containers

See SDS for complete safety recommendations.

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