

# Product DATA BULLETIN

## Metal Medic 7173 Liquid Zirconium Coater/Cleaner

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

### Description:

Metal Medic 7173 is a liquid zirconium coater specially designed for cleaning and preparing iron, steel, zinc, and aluminum in recirculating spray washers. It applies a uniform zirconium coating to metal surfaces, enhancing paint adhesion and providing strong corrosion resistance. This zirconium layer bonds tightly with the metal, protecting it from moisture, chemical fumes, air, local electrical currents, and friction—factors that commonly cause metal deterioration and corrosion. Additionally, Metal Medic 7173 includes a fluoride salt to effectively treat metal mixtures containing more than 50% soft metals such as zinc and aluminum.

### Applications:

Re-circulating Spray System - 3-5% solution by volume (3 gallons to 100 gallons water).

Steam Systems - 0.5-2% solution by volume (5 gallons to 100 gallons water).

Operating Temperature - 110-160 degrees F

#### PRODUCT PROPERTIES

<b>Color</b>	Water Clear to Straw Yellow Liquid
<b>Odor</b>	Sweet and Mild
<b>pH Concentrate</b>	3.0-4.0
<b>Foaming</b>	Low
<b>Rinsing</b>	Free and Complete
<b>Hard Water Stability</b>	Up to 500 p.p.m.
<b>Specific Gravity</b>	1.044-1.064

#### 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.

1/2/2025

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