

Product DATA BULLETIN

Metal Medic 7977

Cleaner / Rust Inhibitor

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

Description:

Metal Medic 7977 is a versatile, all-purpose cleaning and finishing compound specifically designed for use on steel parts. It delivers a balanced combination of medium-foaming detergency, effective rust protection, and an aesthetically pleasing finish. When used with abrasive media, it produces a uniform matte surface; when paired with non-abrasive media, it enhances brightness and surface clarity. Importantly, Metal Medic 7977 is engineered not to interfere with the performance of the media, ensuring consistent results throughout the finishing process. Its compatibility with waste treatment systems also makes it an ideal choice for facilities prioritizing both performance and environmental compliance.

Applications:

Metal Medic 7977 can be used in wet tumbling vibratory flow-through systems and as a separate rust inhibitor for final operations. (Metal Medic 7977 applied at .75% - 1% solution rates and dried will give corrosion protection of 100 - 300 hours in humidity cabinet testing.)

PRODUCT PROPERTIES

Appearance	Amber Liquid
pH 5%	10.7 - 11.7
Odor	Mild
Foaming	Medium
Rinsing	Water Bead Surface
Hard Water Stability	Up to 500 ppm
Specific Gravity	1.03 +/- 0.02

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

All sales are exclusively subject to and conditioned upon the terms and conditions of sale posted at www.janed.net and any other additional or different terms are objected to and rejected unless an authorized representative of JEL expressly agrees to them in a signed writing.