



Technical Data Sheet

Product Code: A578XXX Revised Date: 5/01/2025

578

Product Description

578 is a liquid, inorganic, Sodium Molybdate free, rust inhibitor designed for treatment of steel, iron, and yellow metal parts. 578 works by reacting with the surface of the metal and passivating it. There does not need to be any residual 578 left on the metal surface to provide rust protection. Parts can be welded, painted, plated or assembled without the additional step of removing the rust inhibitor.

Performance Features

- Provides In-Process Rust Protection to Iron, Steel, or Yellow Metal Parts
- Protects Steel Media During Deburring Operations
- Provides Rust Protection for Short-Term Storage After Cleaning or Mass Finishing of Iron, Steel, or Yellow Metal Parts
- Does Not Require Parts To Be Re-Cleaned Prior to Painting or Heat Treatment
- Compatible With Most Alkaline Compounds When Simultaneous Use Is Required
- Contains NO Sodium Molybdate - Easily Waste Treated

Physical Specifications

Physical State	liquid
Appearance	Green
pH	9

Equipment Requirements

578 is safe for use in all standard mass finishing or process parts cleaning systems. Operation of equipment should be done in accordance with the equipment manufacturer's instructions.

Product Make-Up

578 is a concentrated industrial rust inhibitor. Dilute to specified strength concentrations.

Concentration and Application Methods

In-Process / Short Term

For maximum rust protection, use along with an alkaline cleaning or deburring compound or in the final rinse section after cleaning, deburring, descaling or burnishing operations. Add 1 - 8 fl oz. of 578 per gallon of water depending on operating conditions and degree of protection desired; 2 fl oz. per gallon is a typical starting point.

Safety and Handling

Read and understand this product SDS before handling.

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

578 is available in 5-gallon pails, 55-gallon drums, and 275-gallon totes.



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