



Technical Data Sheet

Product Code: A577XXX Revised Date: 5/01/2025

C&H 577

Product Description

C&H 577 is a liquid inorganic rust inhibitor designed for treatment of steel and iron parts. C&H 577 works by reacting with the surface of the metal and passivating it. There does not need to be any residual C&H 577 left on the parts 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 or Steel Parts and to Steel Media During Deburring Operations
- Provides Rust Protection For Short-Term Storage After Cleaning or Mass Finishing of Iron or Steel Parts
- Does Not Require Parts To Be Re-Cleaned Before Painting Or Heat Treatment
- Compatible With Most Alkaline Compounds When Simultaneous Use Is Required

Physical Specifications

Physical State	Liquid
Appearance	Green
pH (use dilution)	9.5

Equipment Requirements

C&H 577 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

C&H 577 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 577 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

C&H 577 is available in 1 liter bottles, 30 gallon drums, and 55 gallon drums.



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