



ATLANTA WAREHOUSE
3939 Royal Drive, Suite 139
Kennesaw, GA 30144

UTAH WAREHOUSE
647 West Billinis Road, Unit 1
Salt Lake City, Utah 84119

ChemWorld STM Xtrem

Steam, Pressure Spray, and Immersion Detergent Iron Phosphate for Aluminum and Ferrous Metals

ChemWorld STM Xtrem is a blend of buffered phosphates, water conditioners, and non-heavy metal coating accelerators in combination with a high level of controlled foaming detergents in a convenient liquid form. ChemWorld STM Xtrem is pH balanced so that little or no pH adjustment is required. ChemWorld STM Xtrem is designed for use in industrial immersion, non-recirculating spray, steam phosphatizing systems, or by hand wipe. ChemWorld STM Xtrem produces an iridescent blue coating on ferrous components which provides improved paint adhesion and corrosion resistance for the finish. ChemWorld STM Xtrem produces a light coating and etch on aluminum, zinc, and galvanized surfaces. For best results ChemWorld STM Xtrem should be followed by a water rinse, but the ChemWorld STM Xtrem was specifically formulated to accept paint without being rinsed. ChemWorld STM Xtrem meets or exceeds TTC-490D, Type II military specification by providing an iron phosphate coating in the range of 35 to 80 mgs/ft².

PRODUCT PROPERTIES:

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| Appearance / Odor: | Clear yellow liquid / Mild |
| Specific Gravity: | 1.12 |
| Solubility: | Complete |
| Flash Point: | None |
| pH(1%): | 3.5 - 4.5 |
| Phosphate Content: | 4.0% as elemental phosphorous(P). |
| Biodegradability: | Detergent portion is 100% biodegradable. |

USE INFORMATION:

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|----------------------|---|--------------------|
| Concentration: | Immersion: | 1 - 4% by volume |
| | Steam / Pressure Spray: | 0.5 - 2% by volume |
| | Hand Wipe: | 2% by volume |
| Temperature: | 125 - 212°F (Recirculating spray) | |
| | Ambient to 212°F (Hand wipe, Pressure spray, Immersion) | |
| Target Operating pH: | 4.4 - 4.9 | |
| Contact Time: | As available. | |

PRECAUTIONS: May cause severe irritation to the eyes upon contact.
****AVOID CONTACT** FOR INDUSTRIAL & COMMERCIAL USE ONLY! Refer to MSDS!**

STANDARD PACKAGING SIZES: Bulk, 330 + 275 gal, 55 gal, 30 gal, 15 gal, and 5 gal. containers.
OPTIONAL: Private labeling. Bulk container packaging from 1 oz to 5 gallons.