



**ATLANTA WAREHOUSE**

3939 Royal Drive, Suite 139  
Kennesaw, GA 30144

**UTAH WAREHOUSE**

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

## ChemWorld Xtrem Spray

### Recirculating Spray Detergent Zirconium Phosphate Hybrid

Detergent and Nanotechnology Coating for Cleaning, Improved Paint Adhesion, and Improved Corrosion Resistance at Room Temperature on Ferrous Metals.

ChemWorld Xtrem Spray is a recirculating spray detergent nanotechnology zirconium polymer coating formulated for cleaning and outstanding corrosion inhibition and superior paint adhesion on metal surfaces. The coating contains a blend of organic and inorganic compounds which naturally bond with ferrous and most non-ferrous metals. The product provides a visual indication of coating without the traditional use of high-phosphorus compounds.

ChemWorld Xtrem Spray provides superior paint adhesion and corrosion resistance to the applied paint finish over traditional iron phosphate coatings. ChemWorld Xtrem Spray does not contain regulated heavy metals, and is acceptable for almost any waste treatment facility or regional POTW. ChemWorld Xtrem Spray is an excellent replacement to traditional high phosphorus based coatings when phosphate discharges are regulated.

#### PRODUCT PROPERTIES:

Appearance:	Clear, straw yellow liquid
Odor:	Nil
Specific Gravity:	1.10
pH (1%):	3.0 – 4.0 before pH buffering
pH (2%):	4.5 after pH buffering
HMIS Rating:	2,0,0

#### USE INFORMATION:

Concentration:	2.0 to 3.0% by volume as detergent zirconium phosphate hybrid. Recommend the product in Stage #1 of a three stage pretreatment system.
pH in Operation:	4.4 to 5.0 for optimal coating
Temperature:	75°F to 120°F (based on soil)
Contact Time:	30-seconds minimum per stage is recommended. Target is 60 to 90-seconds of contact time.
Rinsing:	Total Dissolved Solids should be kept below 700 in the rinse stage. DI or RO is recommended for extended tank life.

**PRECAUTIONS:** May cause severe irritation to the eyes upon contact.

**\*\*AVOID CONTACT\*\* FOR INDUSTRIAL & COMMERCIAL USE ONLY! Refer to MSDS!**

\* Observe local, state, and federal discharge regulations.

**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.