EnviroServe Chemicals, Inc.

Your Single Source
Industrial Chemical Supplier

Formulated for Performance
Metal Cleaning
We have a large variety of superior quality acid, alkaline, non-phosphate, low-phosphate, solvent, low conductivity, and neutral pH cleaners for almost any application. Our products are designed and have been proven very effective for operating in multi-stage spray systems; agitated immersions; high pressure and steam wands; a large variety of mass finishing equipment; soak tanks; cabinet, screw and belt washers; general purpose and solvent replacement systems.

Conversion Coatings
We offer conventional iron and zinc phosphates as well as new technology low temperature Zirconium conversion coatings. These new conversion coatings contain no regulated heavy metals and have little to no phosphate depending on the application. Our products are for multi-stage spray systems, agitated immersions, high-speed coil lines, or high pressure and steam wands. Our conversion coatings line of products is very diverse, proven and innovative. We offer a wide variety of support products for any paint pre-treatment process.

Final Seals and Rinses
We have a full line of final seals and rinses to accommodate and compliment any process. Our sealers and rinses promote corrosion resistance, enhance paint adhesion and increase salt spray resistance. We have blends of phosphoric acid, alkaline, amine, polymer, as well as the new generation of zirconic acid and polymer blends.

Aluminum Finishing
We offer in-process chemical products designed specifically for aluminum processing. Whether applying a pre-paint coating or simply de-smutting and etching, we can provide the precise products for any aluminum processing. We have dry in place conversion products for aluminum painting as well.

Mass Finishing
Our products are used for brightening non-ferrous metals especially yellow metals, deburring ferrous and non-ferrous metals. We supply burnishing, derusting, and cleaners designed to be used in vibratory bowls or tumblers. Our products have been designed to meet our customers required high quality standards.

Plastic Finishing
We can suggest cleaning and paint pretreatment chemicals designed especially to meet the most stringent requirements of the plastics industry. Our plastic cleaning and pretreatment products offer the best possible surface preparation for painting, coating, and metalizing of plastic parts for the electronic component, automotive, sporting goods, and container products industries.

In-Process Cleaning
We carry a large variety of in-process cleaners designed to remove most soils from the ferrous and non-ferrous surfaces while applying a corrosion inhibitor to the parts for indoor storage. These are ideal for cleaning parts during the manufacturing process and for maintaining short term corrosion resistance.

Visit our Website at www.enviroservechemicals.com
**Metalworking**
We have one of the most technologically advanced line of machining and grinding fluids available on the market today. Our machining and grinding fluids are formulated with the finest refined oils, emulsifiers, and base stocks available. They are all fortified with unique combinations of anti-microbial agents, corrosion inhibitors, and foam control features that make them suitable for central systems as well as single machines. Our machining and grinding fluids provide a range of metalworking solutions from light duty grinding and cutting to heavy duty high speed operations of both ferrous and non-ferrous metals.

**Metal Forming**
We offer a complete line of metal forming compounds designed to provide solutions for a variety of operations. Our forming compounds are formulated with a balance of boundary and extreme pressure lubricants while providing the clinging and film qualities needed for formability, extended tool and die life, and excellent surface finish. Our products are well tested and proven in many high-speed progressive stamping and drawing operations.

**Corrosion Inhibitors**
There are two major types of chemistries used to combat and control corrosion and rust. They are corrosion inhibitors and corrosion preventing compounds (CPCs). We have the most diverse and complete line of corrosion control products available. Our corrosion control products provide a range of compounds for both ferrous and non-ferrous metals from controlled humidity indoor applications to the most extreme outdoor environments.

**Process Water Treatment**
Our advanced cooling, chiller, and boiler products are developed to optimize overall performance efficiencies. Our product line provides complete solutions for process water treatment that combat corrosion, scaling, general and biological fouling as well as organic and inorganic deposits. We have products designed for the treatment of cooling tower systems, which include both "One Drum Programs" and segregated products programs.

**Paint Strippers**
Our wide range of products are used in hot or cold immersion systems. We supply thixotropic, alkaline, solvent (methylene chloride and non-methylene chloride), and neutral strippers. We carry stripping additives to be used with caustic to decrease stripping times.

**Paint Booth**
We offer a complete line of industrial chemical products to clean, protect and maintain paint booths, including solvent and water based peelable coatings. Our detackification products can assist in eliminating the tackiness of the paint overspray. Bacterial growth, corrosion, and foaming can be controlled with the help of our *EnviroBooth* products. Our *EnviroPeel* product line will save you time and money with maintenance.

**Maintenance**
We offer a wide range of specialized maintenance programs and products to keep an industrial facility clean and improve the efficiency and life of the equipment.

**Lubricants**
Our custom blended lubricants, such as specialty greases and oils, are engineered to give superior equipment protection and performance.

**We know what it takes:**
**Products, Service, Support, and Equipment!**
Customer Support Lab
Our R&D laboratory is very well equipped and staffed with highly qualified chemists and engineers to carry out research and product development, equipment design and to perform customer required testing as needed. Our R&D lab is ISO 9001:2000 certified for design requirements and is an integral part of our customer support activities. Below is a partial list of the equipment and testing available for our customer's benefits!

Quality Assurance Lab
As part of our company being ISO 9001:2000 certified, all raw materials and finished products must meet our stringent quality specifications. Every batch of product we make is traceable to its raw materials. All reagents used are certified to the applicable NIST standards and each test we perform complies with the applicable ASTM methods or the generally accepted analytical chemistry methods.

R & D, Customer Support, and Quality Assurance Equipment & Testing Capabilities

| In-house 7 Stage Pilot Spray Washer | Scanning Electron and Atomic Force Micrography  
| Agitated Immersion Washers | (at NCSU and Duke University) |
| Powder Paint Booth | Conversion Coating Weights |
| Industrial Cure Oven | Paint Adhesion Testing & Measuring |
| Liquid Paint System | Dry Film Thickness |
| Salt Spray Cabinets | Impact & Flexibility Tests |
| Humidity Chamber | Film Hardness Test |
| Ultrasonic Baths | Cross-Hatch Adhesion Testing |
| Vibratory Finishing | Total Dissolved Solids |
| Electronic and Analytical Balances | Dispersion & Emulsification Tests |
| pH and Conductivity Meters | Total and Active Acid or Alkalinity Tests |
| Viscometer | Water Treatment Chemical Tests |
| Flash Point Apparatus (closed cup) | Customer Reagent Supply and Titration Kits |

Find out how EnviroServe Chemicals can improve your processes and provide a better solution for your needs.

- Call us at (910) 892-1791
- Visit us at www.enviroservechemicals.com
- E-mail us at sales@enviroserveinc.com

EnviroServe Chemicals, Inc
An ISO 9001:2008 Certified Company
603 South Wilson Ave., Dunn, NC 28334
Phone: (910) 892-1791  Fax: (910) 892-5765
www.enviroservechemicals.com