





- Alkali oil removers / degreasers
- \* Acidic oil removers / degreasers
- Neutral oil removers / degreasers
- \* Acidic, neutral and alkali rust removers
- Nano coating chemicals
- \* Activation chemicals
- \* Iron phosphate chemicals
- \* Cold iron phosphate chemical
- Manganese phosphate chemicals
- \* Zinc phosphate chemicals
- \* Passivation chemicals
- \* Protective oils
- \* Zirconium based metal coatings
- \* Aluminum Chromate (Cr + 6, Cr + 3, Cr) Flats Materials
- Aluminum anodizing materials
- \* Paint digesters and floaters
- Biocides
- Inhibitors
- Metalworking Fluids
- Paint cabin protectors
- \* Paint removers (cold and hot)
- \* Pre-enamel cleaning and preparation chemicals
- Chemicals for the galvanizing sector
- \* Coating chemicals after zinc phosphate and manganese phosphate
- Metal deburring, polishing and vibration fluids

With our company which is continuously developing, we provide our customers with contemporary solutions thanks to our experience and wide product portfolio.

# Metal Surface Treatment Chemicals



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## **Metal Surface Chemicals**

It removes all kinds of dirt, oil residues, dust and metal parts formed on metal from its surface. It is powder and liquid products used with dipping and spraying method. It also contains nonionic surfactants used in the dipping and spraying baths to add to the degreasing effect.

- Alkali oil removers / degreasers
- Acidic oil removers / degreasers
- Aluminum grease removers and abrasives
- Electrogalvanized, dip galvanized oil removers/ degreasers
- Pre-enamel hot oil removers / degreasers
- Multimetal oil removers / degreasers

## **Inhibitors**

It retards the acid attack on the metal surface. Provides good etching efficiency. It also provides a minimum amount of dissolved metal and high surface quality in the bathroom.

Synthetic and liquid inhibitors for HCl acid, Liquid inhibitors for phosphoric and sulfuric acid, Inhibitors for soft metals (copper, brass, etc.).

### **Rust Remover Chemicals**





# **Phosphating Products**

The phosphate layer on the metal surface provides a very good adhesion, corrosion resistance and regulated friction coefficient for paint and organic coatings.

- Iron phosphate chemicals,
- Zinc phosphate chemicals (di-cations, tri-cations, monocates)
- Manganese phosphate chemicals

# Nano technology products

It is a surface treatment product that provides a very good adhesion and corrosion resistance for organic coatings by forming a thin film of nano size on metal surfaces thanks to the special contents it contains.

- Nano coating chemicals which do not contain Phosphate and VOC (volatile organic compounds),
- Single-step cleaning and nano coating chemicals for steel, zinc and aluminum surfaces,

## **Passivation Products**

They are used against corrosion in the intermediate processes of iron materials and after plating.

- Passivation chemical used before enamel coating,
- Chemicals used before painting, (Cr + 3, Cr + 6 and Chromium-free passivation)
- Protective passivation chemicals used after phosphate coating,
- Passivation chemicals used in mid-tier processes and leak testing.



## **Chromatization Products**

It is used in pre-paint preparation by forming thin film layer on aluminum surfaces. They are the outer surface treatment products that provide good adhesion and corrosion resistance.

- Yellow Chromate Chemicals
- Green Chromate Chemicals
- Transparent Chromatization Chemicals
- Chromium-free coating chemicals

#### **Paint Remover Products**

They are used for cleaning paints which are difficult to remove from various metal surfaces.

- Alkali hot powder and liquid paint remover chemicals
- Alkali cold liquid paint remover chemicals
- Acidic liquid paint remover chemicals

# **Paint Coagulation Products**





# **Bacteria Prevention (Biocide) Products**

Formed by a mixture of one or more active substances; these products control bacteria, fungi, algae, mildew or yeast-containing microorganisms and destroy all the bacteria.

Chemicals used for bacteria formed in metal processing baths, Chemicals used in ponds for paint coagulation process, Chemicals used in industrial cooling and circulation systems Chemicals used in RO systems

# **Deburring Products**

On rotofinish machines or vibrator systems, it is a product used especially for rounding, polishing the corners and smoothing the surface of iron parts

Alkaline deburring chemicals Acidic polishing chemicals

# **Metal Working Fluids**

General Machining / machining, grinding operations and fluids used in pipe manufacturing: For the processing of cast iron, steel materials in the metal industry, and the mineral oil and nitrite-free / containing cooling and cutting fluids used in the pipe industry.

Fluids used in metal forming (pressing, etc):

They are the fluids used in cold forming, deep drawing and pressing operations of iron and steel materials.

Products that protect Metal Surfaces against corrosion for a long time;

For steel, iron and non-ferrous metals, consisting of organic and inorganic components; they are the liquids which temporarily protect the metal surface from rusting.







## **ABOUT US**

As TRIBOCHEMI, having 22 years of experience in the business. We have made the target to be the most known and preferred brand in the chemical industry with our team, which is getting stronger day by day, our production plant, our laboratory and our valued customers to serve as a partner.

Our company keeps the process control at a high level for any completed task, provides all the service desired in order to increase the capacity of production in accordance with the purpose and, also gives the necessary information in every subject to increase the production by giving the most accurate training.

Our company increases productivity by following the latest technology, analyzes the product quality definitively and offers quality control and quality assurance quarantee for the production.

We offer precise solutions to meet the expectations of our customers with our experience and wide product portfolio.







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