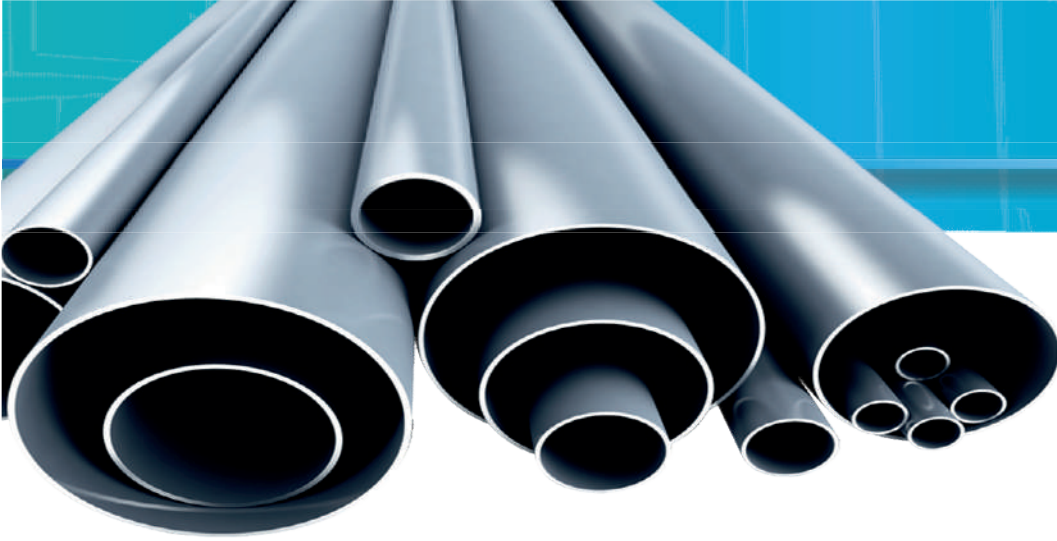




akay

kimya



## OUR PRODUCTS

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Alkaline Degreasers,  
Acidic Degreasers,  
Neutral Degreasers  
Acidic, Neutral and Alkali  
Derusters Nano Coating  
Chemicals Activation  
Chemicals  
Iron Phosphate Chemicals,  
Cold Iron Phosphate  
Chemicals, Manganese  
Phosphate Chemicals, Zinc  
Phosphate Chemicals  
Passivation Chemicals,  
Protective Oils  
Zirconium-based Metal Coatings  
Aluminum Chromate (Cr+6,Cr+3,Cr) Lama Materials  
Aluminum Anodizing Materials  
Paint Digesters and Flotation  
Biocides  
Inhibitors  
Metal Working Fluids  
Paint Cabinet  
Protectors  
Paint Removers (Cold and Hot)  
Surface Cleaning and Preparation Chemicals  
Before Enameling Chemicals for Galvanizing  
Industry  
Zinc Phosphate and Manganese Phosphate Post-Lacquer  
Coating Chemicals Metal Deburring, Polishing and Vibration  
Fluids

**With our company in continuous development,  
With our company in continuous development, we offer  
contemporary solutions to our customers with our experience  
and wide product portfolio.**

# Metal Surface Processing Chemicals

## Degreasing Cleaning Chemicals

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It removes all kinds of dirt, oil residues and dust, metal parts from the metal surface. Powder and liquid products used by dipping and spraying. It also contains nonionic surfactants used in Immersion and Spray degreasing baths to add to the degreasing effect.

Alkaline Degreasers,  
Acidic Degreasers,  
Aluminum Degreasers and Corrosives,  
Electroalvanized, Dip Galvanized Degreasers,  
Pre-Enamel Hot Degreasers,  
Multimetal Degreasers,

## Inhibitors

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Retards acid attack on metal surfaces. Good etching efficiency, minimum amount of dissolved metal in the bath, high surface quality.

Synthetic, liquid inhibitors for HCl acid,  
Liquid inhibitors for Phosphoric and Sulfuric acid.  
Liquid inhibitors for Soft Metals (copper, brass, etc.).

## Rust Removal Chemicals

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It removes the oxide layer formed on the surface of the metal.  
HCl, Phosphoric and Sulfuric acid based derusting chemicals



## Phosphating Products

The phosphate layer formed on the metal surface provides very good adhesion, corrosion resistance and friction coefficient regulation for paints and organic coatings.

Iron Phosphate Chemicals,  
Zinc Phosphate Chemicals, (dichathion, trichion, monocathion)  
Manganese Phosphate Chemicals,

## Nanotechnology Products

Surface treatment products that provide very good adhesion and corrosion resistance for organic coatings by forming a nano-sized thin film layer on metal surfaces thanks to the special components it contains.

Phosphate and VOC (volatile organic compounds) free nano-coating chemical, one-step cleaning and nano-coating chemical for steel, zinc, aluminum surfaces.

## Passivation Products

Products used against rust in intermediate processes of iron and steel materials and after coating.

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 intermediate processes and for Leakage Test.



## Chromatizing Products

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Surface treatment products that provide good adhesion and corrosion resistance by forming a thin film layer on aluminum surfaces and used for pre-paint preparation.

Yellow Chromatizing chemicals,  
Green Chromatizing chemicals,  
Peer Chromatizing chemicals,  
Chromium-free coating chemicals,

## Paint Remover Products

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These are products used to remove paints that are difficult to remove from different metal surfaces.

Alkaline hot powder and liquid paint remover chemicals,  
Alkaline cold liquid paint remover chemicals,  
Acidic cold liquid paint remover chemicals,

## Paint Coagulation Products

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They are used to remove / coagulate water and solvent-based waste dyes used in the dyeing process.

Coagulant Chemicals,  
Flocculant Chemicals,

## Foam Cutting Products

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It is used to eliminate and prevent foaming.

Silicone-free defoamer chemicals,  
Silicone-containing defoamer chemicals,  
Industrial defoamer chemicals,



## Anti-Bacterial (Biocide) Products

Products that control or destroy microorganisms including bacteria, fungi, algae, molds, yeasts or yeasts, formed by a mixture of one or more active substances.

Chemicals used for bacteria in metal processing baths,  
Chemicals used in pools with paint coagulation process,  
Chemicals used in industrial cooling and circulation systems,  
Chemicals used for bacteria in coating baths,  
Chemicals used in RO(Reverse Osmosis) System,

## Deburring Products

It is a product used in rotofinish machines/vibrator systems for surface smoothing, rounding corners and polishing, especially on iron parts.

Alkaline deburring chemicals,  
Acidic brightening chemicals,

## METAL PROCESS FLUIDS

**Fluids used in general machining / machining, grinding operations and pipe production;** mineral oil and nitrite-free / nitrite-containing cooling and cutting fluids used in the metal industry for the processing of cast iron, steel materials, in the pipe industry,

**Liquids used in shaping (pressing, etc.) metals;**

Liquids used in cold forming, deep drawing and pressing of iron and steel materials,

**Products that provide long-term corrosion protection of metal surfaces;**

Liquids for steel, ferrous and non-ferrous metals, consisting of organic and inorganic components, which passivate the metal surface and temporarily protect it from rust



## About Us

As AKAY KİMYA, we started our operations with our production facility and sales network in Izmir in 2017 with more than 32 years of work experience. We have made it our goal to provide service to our valued customers, whom we see as partners, with our team, production facility and laboratory, which are getting stronger day by day, and to be the most known and preferred brand in the chemical industry.

Our company keeps the process control at the highest level for every work done, offers every service requested to increase the capacity of production in line with the purpose, and informs the necessary information on every subject to increase production by providing the most accurate information. Our company increases efficiency by following new technologies, analyzes product quality at a high level and offers quality control and quality assurance guarantee for production.

With our experience and wide product portfolio, we offer the right solutions to meet the expectations of our customers.



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