

» GRINDING
» POLISHING

» PRE-TREAT
» ELECTROPLATING

» PASSIVATE
» PHOSPHATING



PRODUCT

PORTFOLIO

Chemistry in Harmony.
Beautiful surfaces.

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- CrO₃
- CuCN
- CuSO₄
- H₃BO₃
- KCN
- KOH
- Na₂S₂O₄
- NaCN
- NaOH
- NiCl₂
- NiCO₃
- NiSO₄
- ZnCl₂
- Zn(CN)₂



SPECIALTIES FROM THE SPECIALIST

As an international group of companies, we have been developing, producing and distributing specialised polishing agents for over 100 years. Our first-class products for industrial cleaning and process baths for electrolytic metal deposition, make us one of the leading companies in the field. Clients from around the globe have been harnessing the potential of our aftertreatment systems (passivations/TOP coats) and phosphating agents for pretreatments in powder coating.

Our product diversity has made us the only system supplier to offer a wide range of processes from polishing and decorative to functional finishes. In addition to our more specialised products, we are also a trading company for basic chemicals, anodes and related accessories.

Our research and development laboratory is continually pushing the boundaries to innovate and develop our products based on our clients' requirements, usage and feedback. To ensure the effectiveness of our coating properties, we have a scanning electron microscope, X-ray fluorescence spectrometer, friction test rig and corrosion test cabinets at our disposal.

OUR SERVICE FOR YOU - CHEMISTRY AT THE HEART OF WHAT WE DO

We understand the importance of good consultation and service to foster long-term and partnership-based cooperation.

To this end, our process specialists and product managers are always at our customer's disposal, with a focus on short turnaround times to best achieve the goals we set with our clients. It is of the utmost importance to us that we maintain both a cost-conscious approach and controlled use of resources while providing a flawless final product.

We are always on hand to provide you with additional support via video chat or if required, a personal contact person to provide you with on-site training.

In addition, we are happy to offer analytic and SEM image services performed by our laboratory.

GRINDING & POLISHING

BEAUTIFUL SURFACES –
**FROM THE
BEGINNING**

Profitable compounds, effective, high efficiency.



GRINDING AND POLISHING COMPOUNDS

KRONE	Grinding greases refine the polishing appearance, have a cooling effect during grinding and extend the service lives of our grinding belts and emery-glued wheels.
ABRA	Grinding and brushing compounds for matting and satin-finishing of all metals.
REKORD	Polishing compounds for non-ferrous metals (contains Tripoli).
KIESOLIN	Polishing compounds for all metals and plastics. Repolishing is frequently no longer required.
LUMO	Clarifying (colouring) compounds for the brilliant lustre of surfaces.

GRINDING AND POLISHING COMPOUNDS

BRISOL	Grinding and matting compounds for brushing and satin finishing aluminium, iron and stainless steel.
KARAT	Polishing compounds for all metals and plastics.
FINOX	Clarifying liquid compounds, which produce mirror-like gloss using ultra-fine polishing grains.

DEGREASING

REDUCED **GREASE** MAKES IT POSSIBLE

We can meet all requirements without the use of organic solvents. All processed wetting agents and emulsifiers are biodegradable and do not contain substances that form complex compounds with heavy metals.

We would be more than happy to tailor make your degreasing cycle for you.

EKASIT® AND SURFACLEAN®

Our liquid and salt form cleaners remove processing oils, greases, drawing agents and polishing residues. Application: dipping, spraying, electrolytically or in conjunction with ultrasound; biodegradable; no hard complex compounds. Borax and phosphate free.

EKASIT® BTU

Low-temperature degreasing allows for a marked saving in energy.



PICKLING

PERFECTLY PREPARED

SURFASÄURE

Pickling concentrates for the activation and pickling of aluminium and de-rusting iron and steel.

PICKLING AGENT AND PICKLING INHIBITOR

Accelerate the pickling process and prevent hydrogen embrittlement.

PHOSPHATING

ON GOOD GROUND

SURFASIT®

Iron phosphating agents for the degreasing and pretreatment of steel, aluminium and zinc surfaces in one work cycle; can be used in liquid or powder form in immersion and spraying processes.

SURFACOTE®

Zinc phosphating agents are partly available without nickel additives as thin or thick layer processes; for pre-treatment for painting, tube and wire drawing and as a lubricant for cold forming.

Application: dipping and spraying.

Manganese phosphating agents produce anthracite to black phosphate coatings that improve the running-in characteristics of gears and piston rings.

SURFASEAL® AND PROSEAL®

Passivating agents for steel, aluminium and zinc surfaces; improve the adhesion of powder and paint coatings. The products that are free of chromium, nickel, cobalt, molybdenum and phosphates are also used for the sealing of phosphate coatings.

Application: dipping and spraying.

Anti-corrosion oils: special oils emulsifiable in water increase the corrosion protection of zinc phosphate coatings.

SHINE & TECHNOLOGY

BEAUTIFUL
SURFACES

Our products are the final word in decorative, functional and high-quality finishes.



GALVANIC ELECTROLYTES

CHELUX®	Cyanidic copper
RUBIN	Acid bright copper
PRE-ORION	Semi-bright nickel
ORION®	High-performance bright nickel
SIRIUS	Bright nickel
POLARIS	Bright nickel (barrel application)
MERKUR	Velours nickel
SAPHIR®	Bright (tri- and hexavalent) Hard chromium
SURFAPLATE	Plastic pre-treatment (colloidal system and direct metallization)
TOPAS	Alkaline cyanide-free zinc
AZUR	Acid zinc
OPAL	Alkaline zinc/nickel
JADE	Acid zinc/nickel
KORONA®	Bright tin

POST-TREATMENT SYSTEMS

PROSEAL	Passivating agents for zinc, zinc alloys, aluminium and magnesium.
SURFASEAL®	Sealing/top coats for passivated surfaces.

WASTE-WATER TREATMENT

SEDAC	Coagulates, during waste-water treatment, finely distributed precipitates and accelerates their sedimentation.
REPLEX	Serves to precipitate metals, including stable complex salts.
SORBAN	Binds oils and greases as well as water-insoluble, organic liquids.

CHEMICALS & ANODES

FIRST CLASS
QUALITY?
WITHOUT A DOUBT!

High-quality base chemicals and anodes – optimally supplemented accessories – are the basis for perfectly functioning electroplating baths.



BASIC CHEMICALS

CrO₃	Chromic acid
CuCN	Copper cyanide
CuSO₄	Copper sulphate
H₃BO₃	Boric acid
KCN	Potassium cyanide
KOH	Potassium hydroxide
NaCN	Sodium cyanide
NiCl₂	Nickel chloride
NiSO₄	Nickel sulphate
ZnCl₂	Zinc chloride
ADDITIONALLY:	Saccharin, activated carbon, precious metal and tin salts

SPECIAL ANODES

MMO-ANODEN Anodes for trivalent chromium electrolytes

ANODES / ACCESSORIES

We would be happy to supply you with lead, copper, nickel, tin and zinc anodes in the dimensions and shapes you require, as well as the corresponding anode baskets and bags. For analysis, we offer you laboratory chemicals and glassware tailored to our processes.

This is only a small excerpt of our delivery program. For further delivery possibilities please forward us your inquiry and we will be more than happy to submit you an offer tailored to your requirements.



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