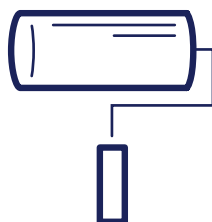


Product Range **Coatings**

KRAHN

Your high-performance partner for specialty chemicals.

We are a leading independent chemical business providing sales, marketing and distribution services and are recognized world-wide for our technical expertise and high-quality product portfolio as well as in-house laboratory support. Everything we do is with passion and commitment and always with an eye on the best possible outcome.



Coatings

Our locations

Thinking global and acting local

KRAHN Subsidiaries

- Hamburg
- Zaandam
- Milan and Berbenno
- Poznań
- Avon
- Athens
- Gothenburg
- Sandbach
- Aspe
- Vienna

Sales offices

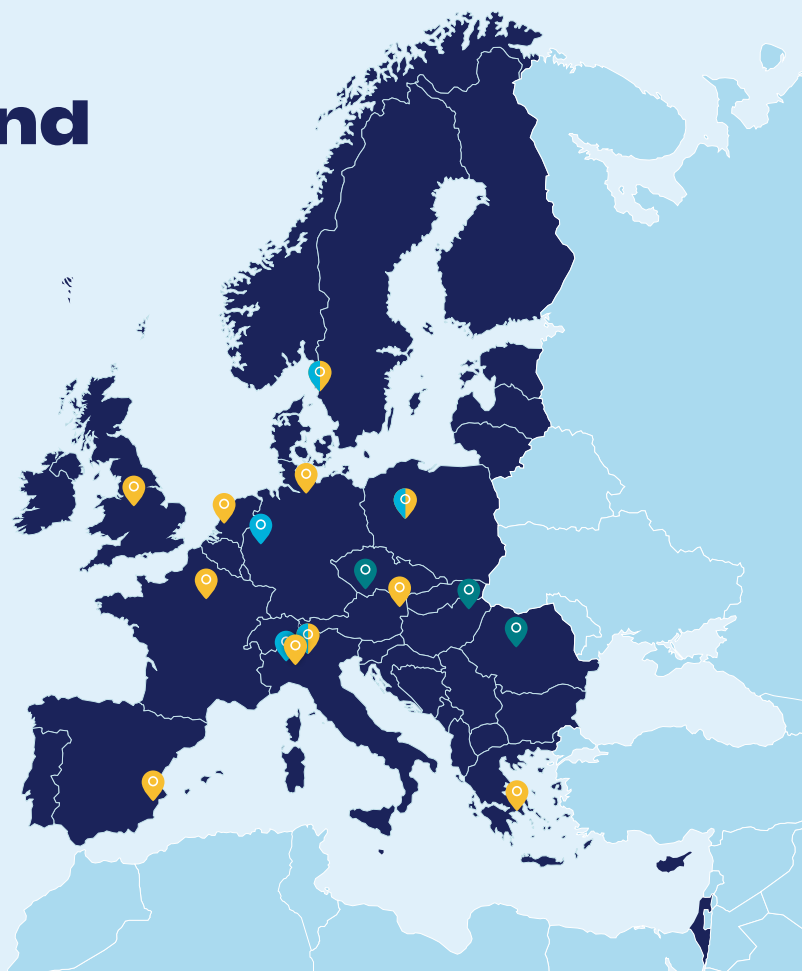
- České Budějovice
- Tiszaújváros
- Sibiu

Laboratories

- Bottrop
- Poznań
- Gothenburg
- Lainate and Berbenno

Warehouses

Many warehouses across Europe, also with possibilities for bulk breaking



Additives

Product Group	Product Name	Producer	Product Description
Adhesion promoters	Eastman Advantis™	Eastman Chemical	Water-borne, chlorine-free and APEO-free adhesion promoters for adhesion of water-borne coatings to thermoplastic, polyolefin-based plastics (TPO, PP).
	Eastman AP Eastman CP	Eastman Chemical	Chlorinated and non-chlorinated, solvent- or water-borne adhesion promoters for coatings applied on plastic parts (PP, PE, TPO).
Amphoteric surfactant	Amphoteen®	Nouryon	Alkyl betaine
Anionic surfactants	Phospholan®	Nouryon	Alcohol ethoxylate phosphate ester. Non VOC anionic highly efficient dispersing and emulsifying agent for paints, pigments, resins and colorants
Anti-sagging & anti-settling agent	Laviowax 20 X	Laviosa	A unique synthetic polyamide wax designed for use in most solvent-based synthetic resin coatings, providing an exceptionally robust and long-lasting thixotropic structure with minimum effect on color & gloss.
Biocides (Film preservation)	Preventol® Metasol® Bioban™ Rocima™	Lanxess	Extensive range of film preservatives for protection against algae, fungi and lichens for interior and exterior applications.
Biocides (In-can preservation)	Preventol® Bioban™ Kathon™ Rocima™	Lanxess	Extensive range of in-can preservatives for improvement of the shelf life of aqueous products, as well as for cleaning of production plants.
Cationic surfactants	Armeen®	Nouryon	Fatty amine. VOC free surfactant for solvent borne paint / coating.
	Arquad®	Nouryon	Quaternary fatty amines
	Duomeen®	Nouryon	Fatty diamine. Suitable within a variety of applications: epoxy curing, anti corrosion, pigment dispersions for solvent borne paint/coatings
	Ethomeen®	Nouryon	Fatty amine ethoxylate, a non VOC alkyd emulsifier
Coalescing agents	Eastman™ EEH Optifilm™ Enhancer 300 Optifilm™ Enhancer 400 Texanol™	Eastman Chemical	Coalescing agents for aqueous coatings and emulsion paints, plasters as well as for all water-borne systems. Appropriate for many architectural applications, it is particularly suited for low odour flat and low sheen wall paints. Excellent retarder solvent and compatible with a variety of resin systems.
Functional amines	Advantex™	Eastman Chemical	Functional amine additive for water-borne coatings that optimizes pigment dispersions capabilities, improves early water resistance and supports flash rust inhibition. Enables overall formulation optimization.
	Vantex™ T	Eastman Chemical	VOC-free amine additive for low emission and yellowing free water-borne formulations. Ensures optimized syneresis-control at low dosages.
Inhibitors	Hydroquinone and hydroquinone derivatives	Eastman Chemical	Hydroquinone and derivatives are practical storage and in process inhibitors when used by themselves or in combination.
Non-ionic surfactants	Amadol®	Nouryon	Non-ionic surfactants that ensures the stability of the colorant. Amadol types are compatible with paint types over a broad spectrum.
	Berol®	Nouryon	Versatile wetting and dispersing agents. Non-ionic alcohol ethoxylates/alkoxylate. Non VOC grades available
	Ethylan®	Nouryon	Versatile wetting and dispersing agents. Non-ionic alcohol ethoxylates. Non VOC grades available
	Witcamide®	Nouryon	Fatty amide non-ionic surfactant for solvent borne paints/coatings

Additives

Product Group	Product Name	Producer	Product Description
Open time additives	Eastman Optifilm™ OT1200	Eastman Chemical	Optifilm™ OT1200 allows formulators to significantly reduce VOC content in water-borne trim and wall paints by replacing volatile glycols while improving open time and wet edge, without negatively affecting other paint properties.
Photo initiators	Chemacure	UV Chem-Keys	UV-Photo initiators to initiate polymer reaction in radiation curing systems.
Precipitated silica	Lo-Vel®	QEMETICA NL Silica	Lo-Vel® flattening agents comprise a comprehensive line of synthetic amorphous precipitated silica products that reduce the gloss of (or flatten) coatings, paints, varnishes, lacquers, inks and other finishes. Available as wax-treated and untreated products for use in water-borne and solvent-borne applications
	Hi-Sil®	QEMETICA NL Silica	Hi-Sil® synthetic amorphous precipitated silica products engineered for applications in a wide range of industries such as: reinforcing fillers for tires, industrial and silicone rubber, microporous fillers for battery separators, free-flow and carrier agents for agricultural and industrial chemicals and thickeners and thixotropies for coatings, adhesives and sealants.
Rheology modifiers	Argimel™	Laviosa	Rheological additives that provide thixotropy, anti-settling and anti-sagging properties in solvent based systems.
	Bermocoll®	Nouryon	Broad portfolio of cellulose ethers, which provide increased water retention, improved consistency, storage stability and controlled rheology to provide sag resistance.
	Bermocoll® Prime	Nouryon	Versatile cellulose ether with advanced color compatibility and rheology control to enhance touch up properties
	Bermocoll® Flow	Nouryon	Hydrophobically modified cellulose ether. It combines flow and leveling properties of an associative synthetic thickener (e.g. HEUR) and has the stability properties of a cellulose thickener. Performs particularly well in acrylic and vinyl acrylic formulations
	Eastman™ CAB	Eastman Chemical	Cellulose acetate butyrate provides a number of performance benefits including sag control, improved flow and levelling, redissolve resistance, and aluminium flake orientation in solvent-borne printing inks and coatings.
	Eastman Solus™	Eastman Chemical	Additives for excellent anti-sag behaviour enhance metal flake orientation, surface defect reduction, and faster dry-to-touch time in high solids and water-borne paint systems.
	Finnfix®	Nouryon	Broad portfolio of Carboxymethyl Celluloses. Used in a paint formulation to stabilize, improve adhesion, eliminate splashing and sagging. Suitable for high pH silicate paints.
	Argimel™	Laviosa	Used for emulsion paint, ceramics glazed, latex paint, sealants, inks and other water-borne paint systems. Provide enhanced thickening, thixotropy and anti-settling properties, preventing sedimentation of suspended particles; also sag control and storage stability are increased.
Silane-modified precipitated silica	Lo-Vel®	QEMETICA NL Silica	A synthetic amorphous precipitated silica with a proprietary surface treatment. This product is designed for use in traditional water-borne and solvent-borne coatings, as well as high-solids ultraviolet-cure (UV-cure) coating systems

Binders

Product Group	Product Name	Producer	Product Description
Bio-based acrylics	Synexil Bio	Synthos	Biobased dispersions combine high quality and real content of bio raw materials according to ASTM D6866, developed for the applications such as wall paints and wood coatings.
Cellulose esters	Eastman™ CAP	Eastman Chemical	Because of its low odour, cellulose acetate propionate is principally used in printing inks and clear overprint varnishes to improve anti-blocking and grease resistance.
	Eastman™ CA	Eastman Chemical	Cellulose acetates butyrate. Additives for reduced dry time, improved flow and levelling, sag control, redissolve resistance, hot melts, high solids and UV-curable systems.
	Eastman™ CAB	Eastman Chemical	Cellulose acetates butyrate. Additives for reduced dry time, improved flow and levelling, sag control, redissolve resistance, hot melts, high solids and UV-curable systems.
Epoxy hardeners	ECA 100 NC	Dixie Chemical Company	Blend HHPA / MHPA / MTHPA, epoxy curing agent with excellent physical (UV and alkaline resistance) and electrical properties.
Impregnating agents	Aldepol H35 Aldepol H35 Zero	Imparat	The excellent penetration capability makes Aldepol H35 especially suitable for primers free of plasticizers and solvents. Usages on absorbent surfaces such as gypsum, asbestos cement, plaster, concrete as well as sandy mineral. Now available in a biocide-free option.
Polyester resins, saturated	Tetrashield™	Eastman Chemical	Highly resistant polyester resins for improving clear coats and pigmented coatings. Tetrashield™ binders combine the advantages of acrylate and polyester resins and enable permanent protection of different substrates.
Polymer dispersions	Eastek™	Eastman Chemical	Aqueous dispersions of sulfopolyester polymers with excellent performance characteristics (grain rising, clarity, drying speed, etc.) to enhance and improve water-borne coating systems for industrial wood applications.
Polyvinylbutyral resins	Butvar™	Eastman Chemical	Solid PVB-polymers with excellent properties (adhesion, clarity, toughness with flexibility, compatibility) especially for wood and metal coatings as well as for wash-primers.
Pure acrylics	Osakryl Synexil	Synthos	The Synexil and Osakryl brands cover a wide range of dispersions based on styrene-acrylics. The dispersions meet the market needs such as plasters, putties, paints, primers, wood coatings and dispersion adhesives such as wood, paper, pressure sensitive adhesives.
SAIB (Sucrose acetate isobutyrate)	Eastman™ SAIB	Eastman Chemical	Modifying resin, SAIB can yield coatings and printing inks of higher non-volatile content, resulting in lower solvent requirements and greater coverage. In many cases, film adhesion and gloss are improved.
Specialities pure acrylics	Aldepol RA Aldepol RA Zero	Imparat	Imparat Aldepol pure acrylics are aqueous dispersions based on acrylic acid ester free of APEO. Now available in a biocide-free option.
Specialities styrene acrylics	Aldepol SAS Aldepol SAS Zero Aldepol SAC Aldepol SAC Zero	Imparat	Imparat Aldepol special styrene acrylics are aqueous dispersions based on acrylic and styrene, silane modified, free of APEO. Now available in a biocide-free option.

Binders

Product Group	Product Name	Producer	Product Description
Styrene acrylics	Osakryl Synexil	Synthos	The Synexil and Osakryl brands cover a wide range of dispersions based on styrene-acrylics. The dispersions meet the market needs such as plasters, putties, paints, primers, wood coatings and dispersion adhesives such as wood, paper, pressure sensitive adhesives.
Vinyl acetate co-polymers	Aldepol VAA Aldepol VAA Zero	Imparat	Aqueous dispersions of vinyl acetate and acrylates or versatic acid vinyl ester. Now available in a biocide-free option.
Water-borne alkyd emulsions	Secoia® Inokem®	Ecoat	Secoia® emulsions are manufactured in France using a licensed process and are ideal for formulating „green“ coatings due to their high content of bio-based raw materials. Inokem aqueous alkyd resin emulsions on a sustainable basis are characterized by good film hardness and adhesion. With Inokem, it's possible to formulate coalescent-free paints and coatings. The performance of styrene acrylate binders can be improved by combination with Inokem. For low emission decorative and wood coatings.
Water-borne alkyd urethane dispersions	INOKEM® UR	Ecoat	INOKEM® UR are urethane modified alkyd dispersions of medium oil length for air-drying outdoor resistant coatings, main application in DTM and wood coatings.

Fillers

Product Group	Product Name	Producer	Product Description
Kaolin	KaMin®	KaMin	Kaolin clays are aluminium silicates available in treated and untreated form. Kaolin can be found in various applications with different functionality like extender for TiO ₂ in flat / semi gloss and high gloss paints, for improved scrub resistance and opacity. Also used in inks for its anti-bleeding properties and better resolution.
	Lithospense®	KaMin	Lithospense® 7005 CS is a high performance treated kaolin designed to improve rheology. Lithospense® NextGen is a surface enhanced clay designed to replace ink resin and ink oil.
	Polygloss® 90	KaMin	Ultra fine, highly pulverized, premium brightness kaolin for extending high gloss solvent and water-borne coatings.
Lightweight fillers	Aeropor®	Aeropor GmbH	Aeropor® is an expanded aluminosilicate from natural origin. It is a closed-pored light weight aggregate. Aeropor is used for many applications thanks to its unique combination of beneficial properties: low density and pressure stable, health friendly material, odorless and no VOCs, excellent thermal insulating properties, excellent sound absorption properties, insensitive to heat and cold and creamy white color.
	Expancel®	Nouryon	Expancel® expandable microspheres are small spheres encapsulating a gas. When heated, they will dramatically increase in volume. Expancel is available unexpanded and expanded both wet and dry. It can be used as a blowing agent, weight reducer and property improver in many different applications. The expansion capacity and low density along with a closed cell structure and excellent compressibility give benefits to numerous other products.

Driers

Product Group	Product Name	Producer	Product Description
Solvent-born driers	Duroct	Dura	Metal organic salts formed by the reaction of metallic raw materials and organic acid(s) dissolved in a hydro-carbon solvent. When added to alkyd- and some oil-based coatings they markedly reduce the drying times.
Water-born driers	Duroct DriCAT	Dura	Number of single metal and drier blends for use specifically for waterborne alkyd and oil-based dispersion coatings. They provide reduced loss of dry, efficient drying, colour and hardness development.

Anti-skinning agents

Product Group	Product Name	Producer	Product Description
Anti-skinning agents	DriCAT Duroxime	Dura	Anti-skinning agents are used for in-can preservation of coatings and inks. Oxime based with high evaporation rate. Oxime free with low evaporation rate. Active components reversibly complex the primary driers.

Flame Retardants

Product Group	Product Name	Producer	Product Description
Aluminium trihydrate	ATH	LKAB Minerals	Aluminium trihydrate, also known as aluminium trihydroxide or alumina trihydrate, is derived from bauxite ore. This natural ore is refined to a fine white powder. After washing and drying it is used as the feedstock for a wide range of alumina chemicals.
HydroMagnesite huntite	UltraCarb	LKAB Minerals	UltraCarb is a halogen free fire retardant produced from natural deposits containing two minerals: hydromagnesite and huntite. This unique mineral combination is known as HMM.
Phosphate esters	Santicizer® Santicizer® Plus	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are non-halogenated with high plasticizing efficiency, great compatibility in multiple polymer systems and fast fusion in PVC applications. Now available in TPP<0.1% versions with Plus series.

Intermediates

Product Group	Product Name	Producer	Product Description
Diols	EH Diol	Gulf Chemical International	2-Ethyl-1,3-hexandiol

Pigments

Product Group	Product Name	Producer	Product Description
Anti-corrosion pigments	Inhibisil®	QEMETICA NL Silica	Inhibisil® silica anti-corrosion pigments are highly efficient, calcium oxide-modified silica products designed to replace conventional chrome-based and other toxic anti-corrosion pigments. Suitable for both solvent-borne as water-borne applications
Liquid pigment pastes	Chroma-Chem®	Vibrantz	Solvent- and water-borne colorants for tinting high performance industrial coatings. High weathering, chemical and heat resistance.
	Colortrend®	Vibrantz	VOC free colorants for architectural (interior and exterior) systems.
	Coltec™	Vibrantz	Universal colorants specially designed to meet and exceed the technical requirements demanded by various decorative architectural applications. They are formulated to satisfy the needs of both water- and solvent-borne interior and exterior paint products.
	Hydrasperse™	Vibrantz	Water-borne colorants with high colour strength for in-plant tinting of all kind of coatings systems.
	Maestro™	Vibrantz	Water-borne colorants specially designed to tint leather finishes (top quality) in a rapidly changing industry, including automotive and upholstery. VOC- APE- and lead free.
	Monicolor™	Vibrantz	Universal colorants specially designed to meet and exceed the technical requirements demanded by various decorative architectural applications. They are formulated to satisfy the needs of both water- and solvent-borne interior and exterior paint products.
	Novapint™	Vibrantz	High performance, water-borne colorants for exterior paints and plasters based on acrylic, silicate, silicone or synthetic resins.
	Solvasperse™ IND	Vibrantz	With a wide compatibility profile with various solvent borne coating systems, the Solvasperse™ IND colorant range is a versatile tinting solution that meets the demanding performance requirements of industrial coatings.
	Temacolor™ S Temacolor™ T	Vibrantz	Solvent-borne colorant for general solvent-borne industrial applications. Temacolor™ T colorants contain 500-600 gr / l VOC, Temacolor™ S < 350 gr / l.
	Temacolor™ W	Vibrantz	Water-borne in-plant and POS colorant for all water based technologies, containing a binder and a propylene glycol cosolvent. The VOC content is less than 100 g / l. The pigment content is maximized to provide high opacity while minimizing the effect on paint properties and the colorant addition cost.
	Hydrasperse™ EU Solvasperse™ IND	Vibrantz	Highly concentrated TiO2 based liquid dispersions, available in water and solvent based technologies. Various plasticizer based versions available too.
Organic pigments	TrustChem	TrustChem	Full range of organic pigments from classic to high performance materials for use in various applications.

Solvents

Product Group	Product Name	Producer	Product Description
Ester alcohol	Eastman Texanol™	Eastman Chemical	Coalescing agent as well as a retarder solvent for coil coatings, curing enamels and printing inks.
Esters	Eastman™ n-Butyl Propionate	Eastman Chemical	Slow evaporating, urethane grade solvent with good solvency for most coating resins. Eastman™ NBP also enhances performance of paint stripping formulations and shows very good synergistic effects with other active solvents like DMSO.
Ether ester	Eastman™ EEP	Eastman Chemical	Slow evaporating ether ester with moderate odour, low surface tension, high electrical resistance and good resistance to solvent popping in baking applications.
Glycol ether	Eastman™ EEH	Eastman Chemical	Eastman™ EEH offers an excellent balance of performance properties (coalescence, fat release, low surface tension, etc.) in architectural and industrial maintenance coatings.
	Eastman™ EP	Eastman Chemical	Colourless, water-miscible solvent providing a slow evaporation rate and good viscosity control in water-borne systems.
Ketone solvents	Eastman™ MAK MIAK	Eastman Chemical	Solvents with high solvent activity, slow evaporation rate, low density, low surface tension and a high boiling point. These properties make MIAK a very good solvent for high solids and low VOC coatings.
	Eastman™ MPK	Eastman Chemical	Active solvent for most synthetic resins including acrylics, polyesters, cellulose, epoxies, vinyls and alkyds.

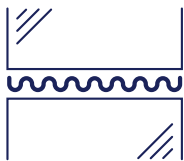
Plasticizers

Product Group	Product Name	Producer	Product Description
Benzoates	Jayflex™ MB 10	ExxonMobil Chemical	Phthalate-free, benzoate-based plasticizers for PU, CN and acrylic-based coatings as well as for printing inks.
Benzyl phthalates	Santicizer®	Valtris Specialty Chemicals	Phthalate based plasticizers, combining the following properties: low volatility, excellent extraction.
Fast fusers – benzyl-phthalates / carboxylates	Santicizer® Platinum P-1400 P-1700	Valtris Specialty Chemicals	Phthalate free and fast fusing plasticizers which shows a high compatibility and efficiency, and performs by high permanence and low water solubility. Recommended for many applications, like plastisol, foam, sealant, calendering, extrusion and films.
Phosphate ester	Santicizer® Santicizer® Plus	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are non-halogenated with high plasticizing efficiency, great compatibility in multiple polymer systems. Now available in TPP < 0.1% versions with Plus series.
Phosphates	Santicizer®	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are non-halogenated with high plasticizing efficiency, great compatibility in multiple polymer systems and fast fusion in PVC applications.
Phthalates	Chemflexx 911P	The Chemical Company	Low volatile linear C9 and C11 alcohol based phthalate plasticizer. Due to its outstanding weather resistant properties and general good permanence especially suitable for outdoor and durable applications.
	Jayflex™ DIUP	ExxonMobil Chemical	High molecular special plasticizer on phthalate basis, compatible with various polymers. Due to its excellent fogging and migration values it is suitable for car interior parts and for high temperature range.
	Jayflex™ DTD	ExxonMobil Chemical	High molecular special plasticizer, compatible with various polymers. Due to its high molecular weight and the especially low volatility, it is recommended for use in high temperature applications.
Polymeric adipates	Santicizer®	Valtris Specialty Chemicals	Polymeric adipates which provide outstanding migration and extraction resistance.
	CRANE® PL	KRAHN Chemie	Polymeric adipates which provide outstanding migration and extraction resistance.
Recycled plasticizer	rDOTP	KRAHN Chemie	General purpose plasticizer for PVC applications with a recycling content from polyester waste. It is used in phthalate free applications and as alternative to hydrogenated DINP.

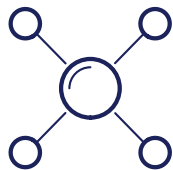
Test Equipment and Grinding Media

Product Group	Product Name	Producer	Product Description
Ceramic grinding medias	YTZ	Tosoh / Nikkato	High wear-resistant yttria-stabilized zirconia grinding balls (size: 0.1 mm – 25 mm) and cylinders (size: 1/2" and 3/8").

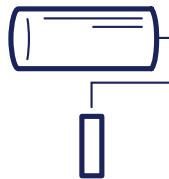
Industries



**Adhesives &
Sealants**



**Chemical
Intermediates**



Coatings



Construction



**Heat Transfer
Fluids**



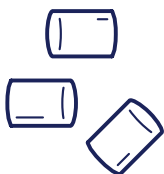
**Industrial Cleaning &
Home Care**



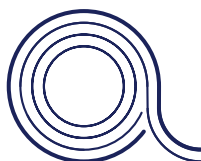
**Lubricants &
Fuels**



**Personal
Care**



Plastics



Rubber

Produkt Disclaimer

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2. The products sold and/or supplied by us are not destined for the manufacture (i) of medical devices according to EU directive 93/42/EEC, in particular of implants, (ii) of biocides, (iii) of pesticides, (iv) of human and veterinary pharmaceuticals, (v) of food and feed products, (vi) of cosmetics, (vii) of weapons or other objects, designed to take human life or causing injuries.
3. At all times our Conditions of Sale apply.
4. Our product lists include dangerous goods. The correct marking of such goods is described in the respective datasheets.

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**Bring it
together!**



KRAHN_Chemie_03/2025

KRAHN Chemie brings
together all the elements
designed to create strong
added value: markets with
innovations, processors with
producers and questions
with answers.

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