



Product Range

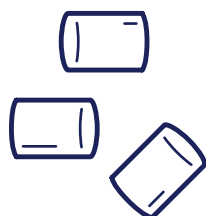
Plastics

Rubber

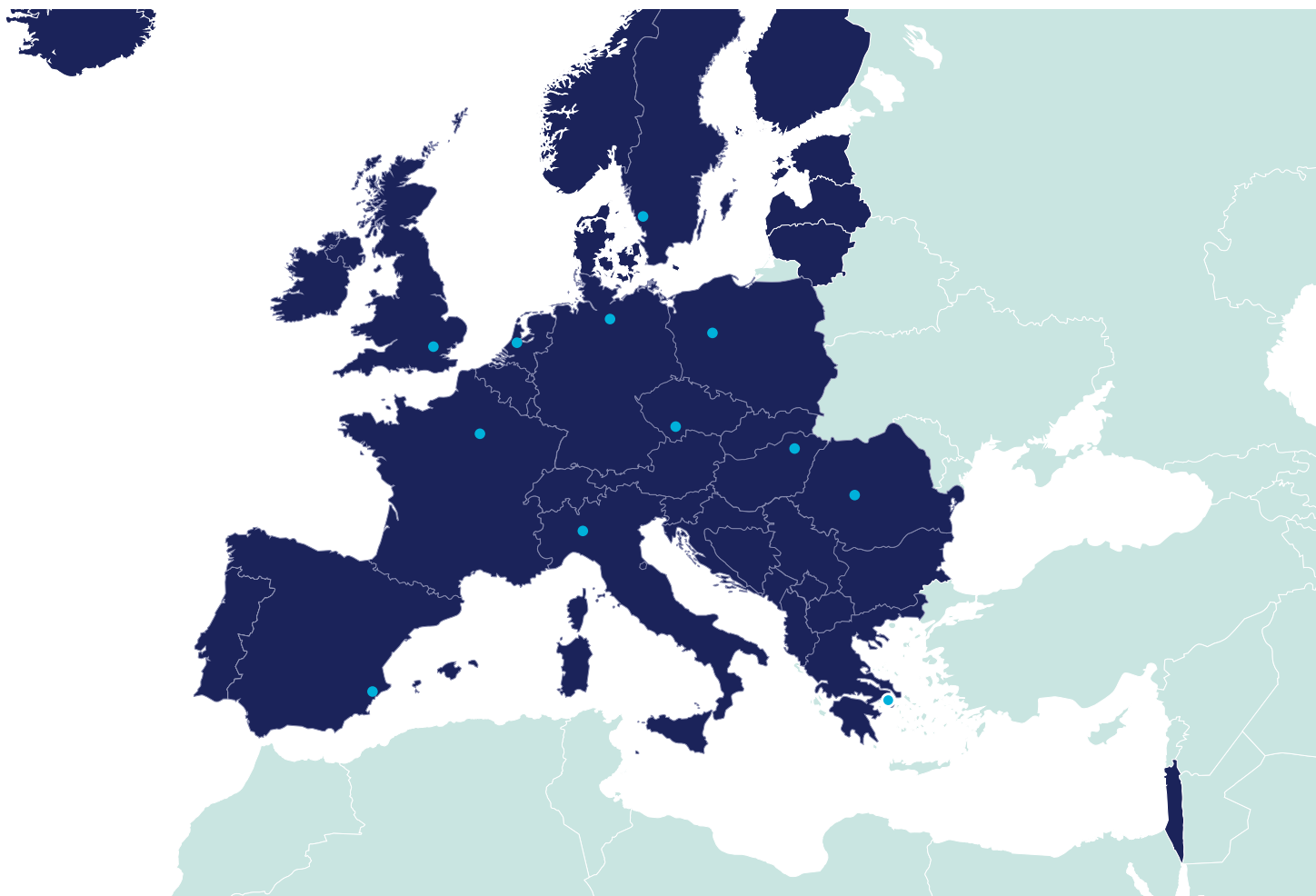


Your high-performance partner for specialty chemicals.

As an independent chemical distributor and sales and distribution partner to leading producers, we also bring together everything that processors in the chemical industry value: an extensive and high-quality product range, technical services as well as in-house laboratory support. We are committed to what we do with always an eye on the best solution.



Plastics



Plasticizers

Product Group	Product Name	Producer	Product Description
Special Plasticisers for Rubber	Edenol™ 102	Emery Oleochemicals	Polyglycol ester of linear C8-10 carboxylic acids. Superior low temperature performance (–50°C to +100°C), reduces the surface and volume resistivity in PVC and rubber, insoluble in water.
	Edenol™ 111	Emery Oleochemicals	Butyl-Carbitol-Adipate. E.111 is an effective plasticizer over wide temperature range (–52°C to +120°C).
	Edenol™ 181	Emery Oleochemicals	Di-(2-butoxy triglycol)-adipate. E.181 is an effective plasticizer over wide temperature range (–50°C to +130°C).
	Edenol™ 123	Emery Oleochemicals	Butyl-Carbitol-Formal. E.123 is an effective plasticizer over wide temperature range that provides resistance to fungal growth attack in rubber compounds.
High Molecular Weight Phthalates	Jayflex™	ExxonMobil Chemical	High molecular Phthalate plasticizers for PVC processing. Due to the branching of the alcohol chains Jayflex™ has a high migration resistance and low volatility.
Sebacates	Edenol™	Emery Oleochemicals	Sebacate plasticizers based on C4 or C8 branched alcohol providing outstanding low temperature flexibility with a low initial viscosity.
Adipates	Cereplas™	Valtris Specialty Chemicals	Adipate plasticizers based on branched alcohols from C8 to C13 to improve the flexibility at low temperature.
Phosphate ester	Santicizer®	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are nonhalogen with high plasticizing efficiency, great compatibility and high permanence.
Polymeric	Santicizer®	Valtris Specialty Chemicals	Polymeric polyadipate plasticizers which provides outstanding migration and extraction resistance.
	Edenol™	Emery Oleochemicals	Polymeric plasticizers which provide outstanding migration and extraction resistance. Various viscosities, as well as grades with indirect food contact approval are available.
Fast Fusing Plasticizers	Santicizer® Platinum P	Valtris Specialty Chemicals	Phthalates-free fast fusing plasticizers with low volatility, excellent extraction resistance and high efficiency attaining performance properties that are similar to phthalate plasticizers.
Benzyl Phthalates	Santicizer®	Valtris Specialty Chemicals	Benzyl Phthalate plasticizers are designed for very high compatibility and high solvating character. Thanks to their high molecular weight they are low volatility plasticizers and guarantee high performance and permanence.
Monobenzoate	Jayflex™ MB 10	ExxonMobil Chemical	Low viscous plasticizer with favorable gelation properties providing a low constant paste viscosity and a comparatively low volatility. Also compatible in combination with other standard plasticizers.
Linear Phthalates	Chemflexx 911P	The Chemical Company	Low volatile linear C-9 and C-11 alcohol based special plasticizer. Due to its outstanding weather resistant properties and general good permanence especially suitable for outdoor and durable applications.
Trimellitates	Cereplas™	Valtris Specialty Chemicals	Highly permanent plasticizer particularly suitable for high temperatures. Extremely low volatility, excellent resistance against chemicals, low fogging and good processability.
Linear trimellitates	Edenol™ T810T STAB	Emery Oleochemicals	Special stabilized plasticizer based on linear C8-C10 alcohol. Due to its outstanding high temperature resistance, Edenol T810T STAB has low emission profile and general good cold flexibility performance. It is especially suitable for durable and demanding applications.
	Jayflex™ L9TM	ExxonMobil Chemical	Low volatile linear C-9 alcohol based special plasticizer. Due to its outstanding high temperature resistance, Jayflex L9TM has low emission profile and general good cold flexibility performance. It is especially suitable for durable and demanding applications.

Plasticizers

Product Group	Product Name	Producer	Product Description
Bio-Based	Santicizer® Platinum G	Valtris Specialty Chemicals	Efficient bio-based (85%) primary plasticizer that offers excellent heat stability, enhanced processability, and low volatility.
	Edenol™	Emery Oleochemicals	100% biobased polymeric plasticizers compatible with polar polymers and Bio-plastics.
Expoxidized Natural Oils	Lankroflex™	Valtris Specialty Chemicals	Secondary plasticizers, co-stabilizers and acid scavengers which add flexibility and processing properties in a wide range of polymers.

Flame Retardants

Product Group	Product Name	Producer	Product Description
Phosphates	Santicizer®	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. Phosphate ester based materials are halogen-free with high plasticizing efficiency, great compatibility in multiple polymer systems and fast fusion in PVC applications.
APP	FR CROS®	Budenheim	Charring initiator, available also in coated version. It can be used in several applications: intumescent coating, PU, polyester, textiles.
Borates and Stannate	Zinflamm®	SCL Larderello	Zinflamm are used in plastic industry as flame retardant for improving the smoke density in halogen and halogen free formulation.
Antimony Trioxide	Triox and Polytriox	PCDL Lucette	This product is intended for applications particularly demanding in terms of fire retardancy.
Magnesium Hydroxide	HYDROFY	NUOVA SIMA	High purity Magnesium Hydroxide, used as flame retardant in Thermoplastic, Thermosetting and Rubber compound. Available also in coated version.
ATH	ALUPREM®	TP&T TOR MINERALS	Specialty Aluminum Hydroxides available in uncoated and coated version.
Aluminum Oxihydrate	ALUPREM® SR 100 MES	TP&T TOR MINERALS	This product is used as flame retardant synergist (char promoting filler and smoke suppressant) in halogen free system. It improves the mechanical properties and scratch resistance of compounds.
Organophilic phyllosilicate	CLOISITE BYK-MAX® CT	BYK-Chemie	Phyllosilicates used as a flame retardant synergist in flame retardant thermoplastics. Improve physical and barrier properties in thermoplastic compounds. Several modified grades available.

Reinforcing Silicas

Product Group	Product Name	Producer	Product Description
Reinforcing Silicas	HI-SIL® and SILENE™	PPG Industries	HI-SIL®/SILENE™ - are a full a range of industry-leading synthetic amorphous precipitated silica products.
	AGILON®	PPG Industries	PPG AGILON® performance silica products are in a single finished product a high performance precipitated synthetic silica combined with a silane.
Miconised Silicas	LO-VEL™	PPG Industries	LO-VEL™ matting agents comprise a comprehensive line of synthetic amorphous precipitated silica products that reduce the gloss . Available as wax-treated and non-treated products.

Performance Additives

Product Group	Product Name	Producer	Product Description
Antistatic agents	LOXIOL®	Emery Oleochemicals	Esters that prevent dust accumulation and minimize the handling problems and risks associated with static charge. Applications: packaging, flooring and sensitive electronic components.
Release Agent	LOXIOL®	Emery Oleochemicals	Esters that migrate to the interface of polymer and processing machine, depending on the particular level of compatibility with the polymer matrix.
Mixed Metal Stabilizers	Akcrostab™ Lankromark™	Valtris Specialty Chemicals	Highly-efficient heat stabilizers that provide stability to PVC formulations allowing them to be processed into useful everyday items. Available in liquids, powders, pills, and pastes.
Polymer modifiers	SCONA®	BYK-Chemie	Grafted polymers (PP, PE, PA, SEBS) as coupling agents, impact modifiers and compatibilizers. Different products with high levels of grafting for WPC, PP glassfiber, TPE-S over-molding, PA and PET.
Silicon Oil	CARISIL	KRAHN Italia	Liquid polymerized siloxane available in several grades of viscosity. They guarantee high thermal stability and lubricating properties.

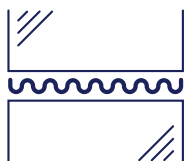
Polymers

Product Group	Product Name	Producer	Product Description
ACM	RACRESTER	Osaka Soda	Rubber of Acrylic Rubber Esters suitable for injection moulding, extrusion or calandering.

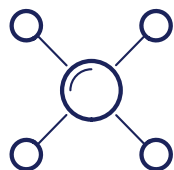
Pigments and Colors

Product Group	Product Name	Producer	Product Description
Organic pigments	CINQUASIA®	Sun Chemical	Organic High Performance Quinacridone pigments.
	CROMOPHTAL®	Sun Chemical	Organic High Performance Yellow, Red and Violet pigments.
	FANCHON®	Sun Chemical	Organic High performance Yellow and Orange pigments.
	FASTOGEN® Magenta	Sun Chemical	Organic High Performance Quinacridone pigments.
	FASTOGEN® Blue and green	Sun Chemical	Phthalocyanine Blue and Green pigments.
	HELIOGEN®	Sun Chemical	Phthalocyanine Blue and Green pigments.
	INDOFAST®	Sun Chemical	Organic High Performance Carbazole Violet pigments.
	IRGALITE®	Sun Chemical	Organic classical Azo Yellow, Orange, Red and Violet pigments.
	IRGAZIN YELLOW	Sun Chemical	Organic High performance Yellow pigments.
	IRGAZIN® ORANGE - RED	Sun Chemical	Organic High performance DPP red and Orange pigments.
	PALIOGEN®	Sun Chemical	Organic High performance Perylen Red and Indanthrone Blue pigments.
	PALIO TAN®	Sun Chemical	Hybrid pigments based on organic and inorganic high performance pigments for the coating industries.
	PALIO TOL®	Sun Chemical	Organic High performance Yellow and Orange pigments.
	SPECTRASENSE®	Sun Chemical	Organic High performance Perylen Black for Heat Management.
	SUNBRITE®	Sun Chemical	Organic classical Azo Yellow, Orange, Red and Violet pigments.
	SUNFAST®	Sun Chemical	Phthalocyanine Blue and Green pigments.
Pigment preparations	MICROLEN® MCN	Sun Chemical	Pigment Preparation for polyolefine, rubber and selected engineering plastics. Suitable for packaging, fibres, consumer goods.
	PREDISOL® PE	Sun Chemical	Pigment Preparation for polyolefine, rubber and selected engineering plastics. Suitable for packaging, fibres, consumer goods.
	SunMICA® FUSE	Sun Chemical	Pearlescent mica preparations for sensitive applications.
	DF 70	Sun Chemical	Pearlescent mica preparations for sensitive applications.
Pearlescent pigments	FIREMIST®	Sun Chemical	Glass-Based pearlescent Effects.
	GLACIER®	Sun Chemical	Pearlescent Effects based on synthetic Micas.
	LUMINA®	Sun Chemical	Pearlescent Micas with high chroma.
	MAGNAPEARL®	Sun Chemical	Natural pearlescent Silver and White Micas.
	MEARLIN®	Sun Chemical	Natural pearlescent Micas.
	SunGEM XST	Sun Chemical	Glass-Based pearlescent Effects.
	SunMICA	Sun Chemical	Natural pearlescent Micas.
	SunMICA LUX®	Sun Chemical	Pearlescent Effects based on synthetic Micas.
Dyes	ORACET®	Sun Chemical	High-purity solvent dyes for Plastic application.
Inorganics	SICOPAL®	Sun Chemical	Inorganic pigments based on various metal oxide and Bi Va.
	SICOTAN®	Sun Chemical	Nichel and Nichel-Chrome complex titanate pigments.
	SICOTRANS®	Sun Chemical	Transparent iron oxide for coating and plastic applications.
Aluminum	Benda-Lutz®	Sun Chemical	Wide range of metallic powder and paste.

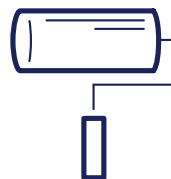
Markets



**Adhesives &
Sealants**



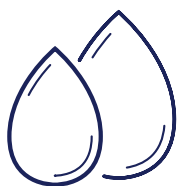
**Chemical
Intermediates**



Coatings



Construction



**Fuels &
Lubricants**



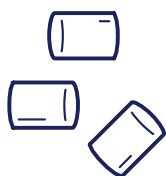
**Heat Transfer
Fluids**



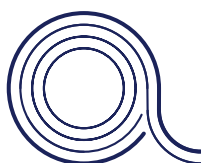
**Industrial Cleaning &
Home Care**



**Personal
Care**



Plastics



Rubber

Product Disclaimer

1. Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. However, this information is given without obligation and does not exempt the buyer from carrying out own investigations and tests in order to ascertain the product's specific suitability for the purpose intended. The buyer is solely responsible for the application, utilisation and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party. Any exception of the above-mentioned restrictions requires the manufacturer's express release in writing.
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 brings
together all the elements
that create added value:
markets with innovations,
processors with producers
and questions with answers.

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