Biesterfeld
Competence in Solutions

Essential Chemicals

Product Portfolio Germany

Contents

Our suppliers 4

Silicones 5

Fatty acids 6

Short-chain fatty acids 6
Medium-chain fatty acids 6
Long-chain fatty acids 6

Fatty acid esters 7

Sorbitan esters 7

Polysorbates 7

Fatty alcohols 8

Glycerine 8

Soap noodles 9

Standard surfactants 9

Anionic surfactants 9
Amphoteric surfactants 9
Cationic surfactants 9
Nonionic surfactants 10

Sugar alcohols & starch-based raw materials 10

UV filters 10

Minerals 11

Cosmetic active ingredients 11

Benzoic acid/benzyl alcohol/sodium benzoate 12

Benzoic acid 12
Benzyl alcohol 12
Sodium benzoate 12

Preservatives 13

Alternative preservatives 13
Parabens 13

Phosphonates 14

GLDA & polymers 14

Flavour & fragrance 15

Carboxylic acids 15
Esters 15
Ketones 15
Aldehydes 16
Alcohols & ethers 16
Cooling agents 16
Pyridines 16
Miscellaneous 17

Our partners & their trade names 18

Notes 18

Your contacts in Germany 19

Our suppliers

XIAMETER™

KLK OLEO

kao

Tereos

Emerald Kalama® Chemical

OXEA
the oxo people

JOYVO
A WEIKEM COMPANY
fci

JUBILANT LIFESCIENCES

HPF The Mineral Engineers
A DIVISION OF QUARZWERKE GROUP

Silicones

Properties

Depending on their viscosity, silicones can be used as anti-foaming agents, emollients, conditioners or to reduce the whitening effect in emulsions, for example, and are effective even at low concentrations (< 1%).

Applications

These products have a range of uses in the field of cosmetics. Potential application areas include skin and body creams, for example, as well as hair products such as shampoos and conditioners.

Trade name	INCI	CAS no.	Container size
Xiameter™ PMX-200 SIL FL 0.65 cs	Disiloxane	107-46-0	15 kg pail, 150 kg drum
Xiameter™ PMX-200 SIL FL 1 cs	Trisiloxane	107-51-7	15 kg pail, 170 kg drum
Xiameter™ PMX-200 SIL FL 1.5 cs	Dimethicone	63148-62-9	15 kg pail, 170 kg drum, 850 kg IBC
Xiameter™ PMX-200 SIL FL 2 cs	Dimethicone	63148-62-9	15 kg pail, 180 kg drum, 850 kg IBC
Xiameter™ PMX-200 SIL FL 5 cs	Dimethicone	63148-62-9	18 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 10 cs	Dimethicone	63148-62-9	18 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 20 cs	Dimethicone	63148-62-9	18 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 50 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 100 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 200 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 350 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 500 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 1000 cs	Dimethicone	63148-62-9	20 kg pail, 200 kg drum, 1000 kg IBC
Xiameter™ PMX-200 SIL FL 5000 cs	Dimethicone	63148-62-9	20 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 12500 cs	Dimethicone	63148-62-9	20 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 30000 cs	Dimethicone	63148-62-9	20 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 60000 cs	Dimethicone	63148-62-9	20 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-200 SIL FL 100000 cs	Dimethicone	63148-62-9	20 kg pail, 190 kg drum, 950 kg IBC
Xiameter™ PMX-0245	Cyclopentasiloxane	541-02-6	20 kg pail, 195 kg drum, 950 kg IBC
Xiameter™ PMX-0246	Cyclohexasiloxane & cyclopentasiloxane	540-97-6	20 kg pail, 195 kg drum, 950 kg IBC
Xiameter™ PMX-0345	Cyclopentasiloxane & cyclohexasiloxane	541-02-6 & 540-97-6	20 kg pail, 195 kg drum, 950 kg IBC
Xiameter™ PMX-1501	Cyclopentasiloxane & dimethiconol	541-02-6 & 70131-67-8	20 kg pail, 195 kg drum, 950 kg IBC

Fatty acids

Properties

The portfolio includes vegetable fatty acids based on palm and rapeseed oil, which are available in various grades and concentrations. Most products can be Mass Balance (MB) certified according to the RSPO.

Applications

Fatty acids can be used in cosmetic products as co-emulsifiers and as consistency agents in emulsions. Fatty acids can have a dispersing effect and give the skin a soft feel.

Short-chain fatty acids

Trade name	Chemistry	CAS no.	Distribution						
			C6	C8	C10	C12	C14	C16	C18
Palmera® A9908	Caprylic acid	124-07-2	≤ 1 %	≥ 99 %	≤ 1 %				
Palmera® A9910	Capric acid	334-48-5		≤ 1 %	≥ 99 %	≤ 1 %			

Medium-chain fatty acids

Trade name	Chemistry	CAS no.	Distribution						
			C8	C10	C12	C14	C16	C18	C18:1
Palmera® A9912	Lauric acid	143-07-7		≤ 1 %	≥ 99 %	≤ 1 %			
Palmera® A9914	Myristic acid	544-63-8			≤ 1 %	≥ 99 %	≤ 1 %		
Palmera® A1601	Palmitic acid	57-10-3				≤ 2 %	≥ 98 %	≤ 2 %	
Palmera® B1210	Distilled coconut fatty acid	67701-05-7	5 – 10 %	4 – 8.5 %	45 – 56 %	15 – 21 %	8 – 13 %	0.5 – 3 %	3 – 9 %
Palmera® B1212	Topped coconut fatty acid	67701-05-7	≤ 1.5 %		51 – 58 %	21 – 24 %	9 – 13 %	1 – 5 %	5 – 9 %
Palmera® B1220	Distilled palm kernel fatty acid	67701-05-7		≤ 1.6 %	40 – 60 %	14 – 20 %	6 – 12 %	≤ 5 %	12 – 22 %

Long-chain fatty acids

Trade name	Chemistry	CAS no.							
			C16	C18	C18:1	C18:2	C20	C22	≥ C22:1
Palmera® A9818	Stearic acid	57-11-4	≤ 1.5 %	≥ 98 %			≤ 1 %		
Palmera® IS-10	Isostearic acid	30399-84-9							
Palmera® DM-10	Dimer acid	61788-89-4							
Palmera® A1813	Oleic acid	112-80-1			≥ 75 %	≤ 13 %			
Palmera® A1818	Oleic acid	112-80-1			≥ 70 %	≤ 18 %			
Palmera® A2290	Erucic acid	112-86-7		45 – 51 %				≤ 3 %	≤ 97 %
Palmera® A8522	Behenic acid	112-85-6					≤ 9 %	85 – 89 %	
Palmera® B1802	Triple pressed stearic acid	67701-03-5	48 – 55 %	47 – 56 % 47 – 56 %			≤ 1 %		
Palmera® B1802CG	Stearic acid	67701-03-5	42 – 49 %	60 – 70 %					
Palmera® B1804	Stearic acid	67701-03-5	42 – 49 %	29 – 40 %					
Palmera® B1807	Stearic acid	67701-03-5	27 – 35 %						
Palmera® BLC50	Stearic acid	68424-37-3					50 – 65 %		

Fatty acid esters

Applications

These plant-based esters of various fatty acid fractions have consistency-improving, lubricating and greasing properties. The products can also be used as emulsifiers, base fluids or release agents.

Trade name	Chemistry	CAS no.	Function							
			Emulsifier/ dispersant	Emollient	Solvent and bonding agent	Skincare	Anti-static	Viscosity modifier	Pearlescent agent	Opacifier
Palmester® 1413	Ethylhexyl oleate	26399-02-0		•	•					
Palmester® 1543	Ethylhexyl palmitate	29806-73-2		•						
Palmester® 1545	Ethylhexyl stearate	22047-49-0		•	•					
Palmester® 1547	Ethylhexyl cocoate	92044-87-6		•						
Palmester® 1512	Isopropyl myristate	110-27-0		•	•	•				
Palmester® 1517	Isopropyl palmitate	142-91-6		•	•	•	•			
Palmester® 3585	MCT oil (70/30)	65381-09-1		•	•	•		•		
Palmester® 3595	MCT oil (60/40)	65381-09-1		•	•	•		•		
Palmester® 5101	Glycol distearate	627-83-8	•	•				•	•	•
Palmester® 5105	Glycol stearate	111-60-4	•	•				•	•	•

Sorbitan esters

Applications

Sorbitan esters are mild surfactants used primarily as emulsifiers in cosmetics.

Trade name	Chemistry	CAS no.	E no.	HLB
Sorbitan ester 20	Sorbitan monolaurate	1338-39-2	E493	8.6
Sorbitan ester 40	Sorbitan monopalmitate	26266-57-9	E495	6.7
Sorbitan ester 60	Sorbitan monostearate	1338-41-6	E491	4.7
Sorbitan ester 80	Sorbitan monooleate	1338-43-8	E494	4.3

Polysorbates

Applications

Polysorbates are nonionic surfactants used predominantly as emulsifiers in cosmetics.

Trade name	Chemistry	CAS no.	E no.	HLB
Polysorbate 20	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	E432	16.7
Polysorbate 40	Polyoxyethylene (40) sorbitan monopalmitate	9005-66-7	E434	15.6
Polysorbate 60	Polyoxyethylene (60) sorbitan monostearate	9005-67-8	E435	14.9
Polysorbate 80	Polyoxyethylene (80) sorbitan monooleate	9005-65-6	E433	15.0

Fatty alcohols

Applications

Fatty alcohols are primarily used as consistency agents and co-emulsifiers in emulsions. Other areas of application are exfoliators, body washes and hair products.

Trade name	Chemistry	CAS no.	Distribution						
			C8	C10	C12	C14	C16	C18	C20
Palmerol® 1299	Lauryl alcohol	112-53-8		≤ 0.5 %	≥ 99%	≤ 0.5 %			
Palmerol® 1498	Myristyl alcohol	112-72-1			≤ 2.0 %	≥ 98 %	≤ 2 %		
Palmerol® 1214	Lauryl-myristyl alcohol	80206-82-2		≤ 1%	70 – 78 %	24 – 29 %	≤ 1%		
Palmerol® 1216	Lauryl-cetyl alcohol	80206-82-2	≤ 0.3 %	≤ 1%	65 – 71 %	22 – 28 %	4 – 8 %	≤ 0.5 %	
Palmerol® 1216S	Lauryl-cetyl alcohol	80206-82-2	≤ 0.3 %	≤ 1%	76 – 86 %	10 – 16 %	4 – 8 %	≤ 0.5 %	
Palmerol® 1218	Lauryl-stearyl alcohol	67762-25-8		≤ 3 %	47 – 58%	15 – 22 %	8 – 15 %	13 – 25 %	≤ 1%
Palmerol® 1698	Cetyl alcohol	36653-82-4				≤ 1%	≥ 98 %	≤ 1%	
Palmerol® 1899	Stearyl alcohol	112-92-5					≤ 0.5 %	≥ 99%	≤ 0.5 %
Palmerol® 6830	Ceto-stearyl/cetearyl alcohol	67762-27-0				≤ 2.5 %	22 – 32 %	65 – 75 %	≤ 1%
Palmerol® 6850	Ceto-stearyl/cetearyl alcohol	67762-27-0				≤ 2.5 %	45 – 55 %	45 – 55 %	≤ 1%
Palmerol® 6870	Ceto-stearyl/cetearyl alcohol	67762-27-0				≤ 1%	65 – 75 %	25 – 35 %	≤ 1%

Glycerine

Properties

The portfolio includes 99.9% pure glycerine and 86.5% glycerine mixed in water. Cosmetic and pharmaceutical grades are available.

Applications

Glycerine is used as a humectant in cosmetics. In addition, glycerine protects the skin against drying out and from irritation.

Trade name	Chemistry	CAS no.	Active matter	Grade
Palmera® G865V	Glycerine	56-81-5	86.5%	Cosmetic – vegetable – NON-GMO
Palmera® G995V	Glycerine	56-81-5	99.5 %	Cosmetic – vegetable – NON-GMO
Palmera® G865E	Glycerine	56-81-5	86.5%	Pharmaceutical (EP) – vegetable – NON-GMO
Palmera® G995E	Glycerine	56-81-5	99.5 %	Pharmaceutical (EP) – vegetable – NON-GMO

Soap noodles

Applications

Palmosalt® products are soap noodles used in various cosmetics applications and in the manufacture of laundry detergents. Soap noodles are the sodium salts of natural, vegetable fatty acids.

Trade name	Chemistry	CAS no.	Distribution					
			Total fatty acids	Free fatty acids	Free alkalinity	Sodium	Glycerine	Moisture
Palmosalt® N3021	Soap noodles	61790-79-2	78.5 – 81.5 %		≤ 0.05 %	0.4 – 0.7 %	≤ 1 %	10.5 – 13.5%
Palmosalt® N3020	Soap noodles	61790-79-2	78.5 – 81.5 %	≤ 2 %		0.4 – 0.7 %	≤ 1 %	10.5 – 13.5 %
Palmosalt® N3060	Soap noodles	61790-79-2	79 – 81 %	≤ 1.3 %		0.4 – 0.6 %		11 – 14 %
Palmosalt® N2031	Soap noodles	61790-79-2	≤ 73.5 %		≤ 0.1 %	0.4 – 0.6 %	≤ 0.5 %	≤ 19 %
Palmosalt® N0061	Soap noodles	61790-79-2	≥ 72 %		≤ 0.1 %	≤ 0.8 %		≤ 20 %

Standard surfactants

Applications

Surfactants are substances that reduce the surface tension of a liquid or the interfacial tension between two phases, and enable or assist in the formation of dispersions.

Anionic surfactants

Trade name	Chemistry/INCI	CAS no.	Active matter	Description
ALFANOX® 46	Sodium C14-16 olefin sulphonate	68439-57-6	Approx. 38%	Liquid
EMAL® 10N/10P HD/10G/10G-3	Sodium lauryl sulphate	85586-07-8	> 95%	Needles, powder, granules
EMAL® 270D/270E	Sodium laureth sulphate	68585-34-2	Approx. 70 %	Paste
EMAL® 227E/228HP/228DJM	Sodium laureth sulphate	68585-34-2	Approx. 27 %	Liquid
SULFONAX®	Dodecylbenzene sulphonic acid	85536-14-7	> 95%	Liquid
ICETOL® K-50 E	Potassium oleate	68424-23-7	Approx. 48 %	Liquid/paste

Amphoteric surfactants

Trade name	Chemistry/INCI	CAS no.	Active matter	Description
BETADET® HR/HR-50K	Cocoamidopropyl betaine	61789-40-0	Approx. 30%/40%	Liquid

Cationic surfactants

Trade name	Chemistry/INCI	CAS no.	Active matter	Description
TETRANYL® AT-7590	Hydrog. tallow fatty acid ester quat (IPA)	91995-81-2	> 90 %	Paste/solid
TETRANYL® BC-50/BC-80	Benzalkonium chloride	61789-71-7	Approx. 50 %/80 %	Liquid
QUARTAMIN® 60W25/60W30	Cetrimonium chloride	112-02-7	Approx. 25 %/30 %	Liquid
QUARTAMIN® AB	Behentrimonium chloride	68607-24-9	> 95%	Viscous
ICETOL® K-50 E	Potassium oleate	68424-23-7	Approx. 48 %	Liquid/paste

Nonionic surfactants

Trade name	Chemistry/INCI	CAS no.	Active matter	Description
FINDET® 10 range	Deceth-n	308061-30-5	Approx. 100 %	Liquid
FINDET® 1214N range	Laureth-n & myreth-n	112-02-7	Approx. 100 %	Liquid/paste
FINDET® 13 range	Isotrideceth-n	24938-91-8	Approx. 100 %	Liquid
FINDET® 1618A range	Ceteareth-n	68439-49-6	Approx. 100 %	Solid
FINDET® 1816 range	Oleth-n & ceteth-n	68920-66-1	Approx. 100 %	Liquid/paste
FINDET® AR range	Polyoxyethylene castor oil	61791-12-6	Approx. 100 %	Liquid/paste
FINDET® ARH/52	PEG-40 hydrogenated castor oil	61788-85-0	Approx. 100 %	Soft paste
EMANON® HE	PEG-7 glyceryl cocoate	68201-46-7	Approx. 100 %	Liquid

Sugar alcohols & starch-based raw materials

Applications

Sorbitol is a sugar alcohol made from glucose syrup obtained from wheat and/or maize. It is used as a base ingredient, sweetener and humectant in products such as tablets, toothpaste or mouth-wash.

Trade name	INCI	CAS no.	Description
Meritol® 125 Pharma	Sorbitol	50-70-4	Liquid, crystallising sorbitol (Ph. Eur.)
Meritol® 160	Sorbitol	50-70-4	Liquid, non-crystallising sorbitol
Meritol® 161	Sorbitol	50-70-4	Liquid, non-crystallising sorbitol
Merisorb® 200 (Pharma)	Sorbitol	50-70-4	Crystalline sorbitol
Merisorb® 300 (Pharma)	Sorbitol	50-70-4	Crystalline sorbitol
Merisorb® SD 250 (Pharma)	Sorbitol	50-70-4	Powdered sorbitol
Merisorb® SD 500 (Pharma)	Sorbitol	50-70-4	Powdered sorbitol
Maltilite® (Pharma)	Maltitol	585-88-6	Maltitol syrup in various grades
Maldex® (Pharma)	Maltodextrin	9050-36-6	Dextrose in various grades

UV filters

Applications

UV filters are used in cosmetics to protect the user's skin from UV radiation. They not only offer UVA and UVB blockers, but also broad spectrum filters.

INCI	CAS no.	Max. concentration (EU)
Octyl methoxycinnamate	5466-77-3	10 %
Octyl salicylate	118-60-5	5 %
Butyl methoxydibenzolymethane	70356-09-1	5 %
Benzophenone-3	131-57-7	8 %
Benzophenone-4	4065-45-6	10 %
Phenylbenzimidazole sulphonic acid	27503-84-7	8 %
Homosalate	118-56-9	10 %
Octocrylene	6197-30-4	10 %
Ethylhexyl triazone	88122-99-0	5 %

Minerals

Applications

Kaolin can be used as a base for masks, in cleansing pastes and balms, and also as a base for various powders. It is also known for its ability to stabilise emulsions. Another significant potential application in cosmetics is as an absorbent.

Trade name	INCI	CAS no.	Description
Pharmakaolin B860	Kaolin	1332-58-7	EP-compliant kaolin

Cosmetic active ingredients

Applications

The portfolio includes various cosmetic active ingredients. These are used in an enormous variety of applications in order to help the skin retain moisture for a long period of time, for example.

Trade name	INCI	CAS no.	Description/container size
Aquajuve	Sodium hyaluronate	9004-61-9	High-performance hyaluronic acid in a wide range of molecular weights
HyaRius	Sodium hyaluronate	9004-61-9	Hyaluronic acid in a wide range of molecular weights
NatiFLex Hyamate	Polyquaternium	92183-41-0	Cationic hyaluronic acid
DuoLux	Pullulan	9057-02-7	Cosmetic and food grade
D-panthenol 75W	Panthenol	81-13-0	20 kg pail, 200 kg drum, 1000 kg IBC
D-panthenol 98% USP	Panthenol	81-13-0	20 kg pail
D-panthenol 50% in propylene glycol	Panthenol	16485-10-2	20 kg pail
Vitamin E acetate	Tocopheryl acetate	7695-91-2	20 kg pail
Nicotinamide	Niacinamide	98-92-0	25 kg pail
Nicotinic acid USP	Niacin	59-67-6	25 kg pail
D-biotin USP	Biotin	58-85-5	1 kg pail, 10 kg pail
Cetylpyridinium chloride monohydrate	Cetylpyridinium chloride	6004-24-6	25 kg pail
Zinc pyrithione	Zinc pyrithione	13463-41-7	20 kg pail
Caffeine anhydrous BP/USP	Caffeine	58-08-2	20 kg pail
Glycine USP	Glycine	56-40-6	25 kg pail
Salicylic acid	Salicylic acid	69-72-7	25 kg pail
Sodium salicylate	Sodium salicylate	54-21-7	25 kg pail
Piroctone olamine	Piroctone olamine	68890-66-4	20 kg pail
Allantoin	Allantoin	97-59-6	25 kg pail
Chlorhexidine digluconate	Chlorhexidine digluconate	18472-51-0	25 kg pail, 200 kg drum

Benzoic acid/benzyl alcohol/sodium benzoate

Applications

Benzoic acid, benzyl alcohol and sodium benzoate are used in cosmetic emulsions and in surfactant products as an effective preservative.

Benzoic acid

Trade name	CAS no.	Active matter	Applications
Purox® B pure grade	65-85-0	Min. 99.9%	Solvents, synthesis starting material, preservatives
Purox® B Food/Pharma ultra pure grade	65-85-0	Min. 99.98 %	Solvents, synthesis starting material, preservatives

Benzyl alcohol

Trade name	CAS no.	Active matter	Applications
Benzyl alcohol NF/FCC	100-51-6	Min. 99.9%	Solvents, synthesis starting material, preservatives

Sodium benzoate

Trade name	CAS no.	Form	Applications
Purox® S – NF/FCC High Purity	532-32-1	Grains	Adhesives, cleaning products, food, cosmetics
Sodium benzoate NF/FCC	532-32-1	Powder	Adhesives, cleaning products, food, cosmetics
Sodium benzoate NF/FCC	532-32-1	Granules	Adhesives, cleaning products, food, cosmetics

Preservatives

Alternative preservatives

Applications

Alongside conventional preservatives, the portfolio also contains a variety of innovative preservative systems. These alternative preservatives are used in cosmetics in particular. They are proven to be effective against bacteria, mould fungi and yeasts, making them an interesting alternative for various applications where parabens or other conventional preservatives are not to be used.

INCI	Applications	pH value	Concentration
Ethylhexylglycerin	Leave on & rinse off	2.0 – 12.0	0.3% – 1.0%
Ethylhexylglycerin, 1,3-propanediol	Leave on & rinse off	3.0 – 7.0	0.5 % – 2.0 %
Ethylhexylglycerin, undecylenic acid	Leave on & rinse off	3.0 – 7.0	0.3% – 2.0 %
Gluconolactone, calcium gluconate, sodium benzoate	Leave on & rinse off	3.0 – 7.0	1.0 % – 2.0 %
Gluconolactone, calcium gluconate, potassium sorbate	Leave on & rinse off	3.0 – 7.0	1.0 % – 2.0 %
Sodium benzoate, potassium sorbate	Leave on & rinse off	< 5.5	0.5 % – 1.5 %
Benzoic acid, dehydroacetic acid, phenoxyethanol	Leave on & rinse off	< 6.0	0.2 % – 1.2 %
Benzyl alcohol, dehydroacetic acid	Leave on & rinse off	< 6.5	0.2 % – 0.8 %
1,2-hexanediol, 1,3-propanediol, iodopropynyl butylcarbamate	Leave on & rinse off	3.0 – 10.0	0.5 % – 0.75 %
1,2-hexanediol, phenoxyethnaol, chlorphenesin	Leave on & rinse off	3.0 – 10.0	0.75 % – 1.5 %
Caprylyl glycol, 1,3-propanediol	Leave on & rinse off	3.0 – 10.0	0.75 % – 1.25 %
Undecylenic acid	Leave on & rinse off	< 6.0	< 0.20%
Undecylenic acid, 1,3-propanediol, benzyl alcohol	Leave on & rinse off	3.0 – 6.5	0.75 % – 1.0%
Undecylenic acid, caprylyl glycol, phenoxyethanol	Leave on & rinse off	3.0 – 6.5	0.75 % – 1.0%
Phenoxyethanol, caprylyl glycol, chlorphenesin	Leave on & rinse off	3.0 – 8.0	0.75 % – 1.5 %
Phenoxyethanol, caprylyl glycol	Leave on & rinse off	3.0 – 10.0	0.5 % – 1.0%
Phenoxyethanol, caprylyl glycol, propylene glycol	Leave on & rinse off	3.0 – 10.0	0.5 % – 1.0%
Phenoxyethanol, benzyl alcohol, chlorphenesin	Leave on & rinse off	3.0 – 8.0	0.5% – 2.0%
Phenoxyethanol, benzyl alcohol, undecylenic acid	Leave on & rinse off	3.0 – 6.0	0.5% – 2.0%

Parabens

Applications

Saligin products are parabens, esters of para-hydroxybenzoic acid, which are used as preservatives in pharmaceuticals, cosmetics and the food industry due to their effective antimicrobial and fungicidal properties. The grades comply with pharmaceutical standards such as EP, BP or USP.

Trade name	INCI	CAS no.
Methyl paraben	Methyl paraben	99-76-3
Sodium methyl paraben	Sodium methyl paraben	5026-62-0
Propyl paraben	Propyl paraben	94-13-3
Sodium propyl paraben	Sodium propyl paraben	35285-69-9
Ethyl paraben	Ethyl paraben	120-47-8
Sodium ethyl paraben	Sodium ethyl paraben	35285-68-8

Phosphonates

Applications

Phosphonates are organic compounds and salts of phosphonic acid. These products are used in cooling water systems, desalination plants, the paper and textile industries, and detergents. They work as chelating agents, prevent scale forming and stabilise bleaching agents.

Trade name	Chemistry	CAS no.
ATMP	Aminotrimethylene phosphonic acid	6419-19-8
ATMP.Na4	Aminotrimethylene phosphonic acid tetrasodium salt	20592-85-2
HEDP	1-hydroxyethylidene-1,1-diphosphonic acid	2809-21-4
HEDP.Na2	1-hydroxyethylidene-1,1-diphosphonic acid disodium salt	7414-83-7
HEDP.Na4	1-hydroxyethylidene-1,1-diphosphonic acid tetrasodium salt	29329-71-3 & 3794-83-0
EDTMPS	Ethylenediamine tetra (methylene phosphonic acid) salt	1429-50-1
DTPMP.Nax	Diethylenetriamine penta (methylene phosphonic acid) sodium salt	22042-96-2
DTPMP.Na7 24 – 26%	Diethylenetriamine penta (methylene phosphonic acid) heptasodium salt	22042-96-2 & 68155-78-2
DTPMP.Na7 31.5 – 33.5%	Diethylenetriamine penta (methylene phosphonic acid) heptasodium salt	68155-78-2
PBTCA	2-phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1
HEMPA 50%	Hydroxyethylamino-di (methylene phosphonic acid)	5995-42-6

GLDA & polymers

Applications

Polycarboxylates are linear polymers and are used as effective sequestering agents in detergents. They prevent calcium crystals from growing and encrusting on fabrics during washing. We offer a wide range of polymers based on acrylic acid (PAA) or maleic acid (PMA).

Trade name	Chemistry	CAS no.
GLDA Na4 38%	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6
GLDA Na4 47 %	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6
PAA	Polyacrylic acid	04/01/9003
PAAS	Polyacrylic acid sodium salt	07/04/9003
HPMA	Hydrolysed polymaleic acid anhydride	26099-09-2
PMA	Polymaleic acid	26099-09-2
AA/AMPS	Acrylic acid 2-acrylamido-2-methylpropane sulphonic acid copolymer	40623-75-4
MA/AA	Maleic acid & acrylic acid copolymer	26677-99-6
PCA	Phosphinocarboxylic acid	71050-62-9
PESA	Polyepoxysuccinic acid sodium	51274-37-4 & 109578-44-1
PASP	Polyaspartic acid sodium salt	181828-06-8 & 35608-40-6
AA/HPA	Acrylic acid 2-hydroxypropyl acrylate copolymer	55719-33-0

Flavour & fragrance

Carboxylic acids

Chemistry	FEMA no.	CAS no.	EINECS
n-butyric acid	2221	107-92-6	203-532-3
Isobutyric acid	2222	79-31-2	201-195-7
n-valeric acid	3101	109-52-4	203-677-2
Pelargonic acid (n-nonanoic acid)	2784	112-05-0	203-931-2
n-heptanoic acid	3348	111-14-8	203-838-7
2-methylbutyric acid	2695	116-53-0	204-145-2
3-methylbutyric acid (isovaleric acid)	3102	503-74-2	207-975-3
Caprylic acid (octanoic acid)	2799	124-07-2	204-677-5
Capric acid (decanoic acid)	2364	334-48-5	206-376-4
Caproic acid (hexanoic acid)	2559	142-62-1	205-550-7
Propionic acid	2924	79-09-4	201-176-3
Cinnamic acid	2288	621-82-9	210-708-3

Esters

Chemistry	FEMA no.	CAS no.
Methyl anthranilate	2682	134-20-3
Dimethyl anthranilate	2718	85-91-6
Ethyl anthranilate	2421	87-25-2
n-butyl anthranilate	2181	7756-96-9
Valeric acid ethyl ester (ethyl valerate)	2462	539-82-2
Isopropyl myristate	3556	110-27-0
Isopropyl palmitate	N/A	142-91-6
α-(trichloromethyl)benzyl acetate (rosacetol)	N/A	90-17-5

Ketones

Chemistry	FEMA no.	CAS no.	EINECS
4-(4-hydroxyphenyl)-2-butanone (raspberry ketone)	2588	5471-51-2	226-806-4
4-(4-methoxyphenyl)-2-butanone (anisyl acetone)	2675	104-20-1	203-184-2
Benzylacetone (4-phenyl-2-butanone)	N/A	2550-26-7	219-847-4
2-octanone (hexyl methyl ketone)	2802	111-13-7	203-837-1
2-acetylnaphthalene	2723	93-08-3	202-216-2
Benzalacetone (benzylideneacetone)	2881	122-57-6	204-555-1
Benzylacetone (4-phenyl-2-butanone)	N/A	2550-26-7	219-847-4
3-hydroxy-2-butanone (acetoin)	2008	513-86-0	208-174-1
2-methylhydroquinone	N/A	95-71-6	202-443-7
Propiophenone	3469	93-55-0	202-257-6

Aldehydes

Chemistry	FEMA no.	CAS no.	EINECS
Benzaldehyde	2127	100-52-7	202-860-4
2-hydroxybenzaldehyde (salicylaldehyde)	3004	90-02-8	201-961-0
4-methoxybenzaldehyde (p-anisaldehyde)	2679	123-11-5	204-602-6
4-hydroxybenzaldehyde	3984	123-08-0	204-599-1
Isononanal (3,5,5-trimethylhexanal)	3524	5435-64-3	226-603-0
2-ethylhexanal	N/A	123-05-7	204-596-5
2-methylbutanal	2691	96-17-3	202-485-6
Isovaleraldehyde (3-methylbutanal)	2692	590-86-3	209-691-5
Propionaldehyde (propanal)	2923	123-38-6	204-623-0
Cinnamaldehyde (phenylacrolein)	2286	104-55-2	203-213-9
alpha-hexyl cinnamaldehyde	2569	101-86-0	202-983-3
alpha-methyl cinnamaldehyde (2-methyl-3-phenyl-2-propen-1-al)	2697	101-39-3	202-938-8

Alcohols & ethers

Chemistry	FEMA no.	CAS no.	EINECS
Benzyl alcohol	2137	100-51-6	202-859-9
Sorbitol	3029	50-70-4	200-061-5
Glycerine	2525	56-81-5	200-289-5
Dibenzyl ether	2371	103-50-4	203-118-2

Cooling agents

Chemistry	FEMA no.	CAS no.	EINECS
N-ethyl-p-menthane-3-carboxamide (WS-3)	3455	39711-79-0	254-599-0
N,2,3-trimethyl-2-isopropyl butanamide (WS-23)	3804	51115-67-4	256-974-4

Pyridine

Chemistry	FEMA no.	CAS no.	EINECS
Pyridine	2966	110-86-1	203-809-9
2-acetylpyridine	3251	1122-62-9	214-355-6
3-acetylpyridine	3424	350-03-8	206-496-7
4-(dimethylamino)pyridine	N/A	1122-58-3	214-353-5
2-ethylpyridine	N/A	100-71-0	202-881-9
3-ethylpyridine	3394	536-79-7	208-647-2

Miscellaneous

Chemistry	FEMA no.	CAS no.	EINECS
Caffeine anhydrous	2224	58-08-2	200-362-1
Anisole	2097	100-66-3	202-876-1
Anthranilamide (2-aminobenzamide)	2767	88-68-6	201-851-2
L-cysteine HCl monohydrate	3263	06/04/7048	Not listed
2-bromopentane (sec-amyl bromide)	2586	107-81-3	203-521-3
3,4-dihydro-2H-pyrane	N/A	110-87-2	203-810-4
MCT (medium chain triglycerides)	N/A	73398-61-5	N/A

Our partners & their trade names

KLK OLEO	Palmester®/Palmera®/Palmerol®/Kosteran®/Palmosalt®
kao	ALFANOX®/EMAL®/SULFONAX®/ICETOL®/BETADET®/TETRANYL®/QUARTAMIN®/FINDET®/ EMANON®
JOYVO A WEIKEM COMPANY fci	Aquajuve™/HyRius™, DuoLux™
OXEA the oxo people	Carboxylic acids
XIAMETER	Xiameter™
Emerald Kalama® Chemical	Purox®, benzyl alcohol
JUBILANT LIFESCIENCES	Cetylpyridinium chloride monohydrate
HPF The Mineral Engineers A DIVISION OF QUARZWERKE GROUP	Pharmakaolin B860
Tereos	Merisorb®/Meritol®

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