

DE

Technical Applications

OQEMA

# Technical Applications / EN



OQEMA is a distribution company for basic chemicals and specialities, active in all of Europe. Since its founding in 1922, the company has been among the top 10 chemical distribution companies in Europe.

With close to 1,000 employees in 17 European countries, we feature a large network of competent partners. Our customers benefit from our comprehensive expertise and our tailor-made solutions.

We are proud of the numerous well-known suppliers entrusting us with the distribution of their high quality products.

#### KEY FIGURES 2017

M € TURNOVER\*

PRODUCTS

**754**    **13,000**

M TONS

CUSTOMERS

COUNTRIES

**1.2**    **27,000**    **17**

Our product groups:

**Acids**

**Alkaline solutions**

**Epoxy resin systems**

**Fatty acids**

**Hydrocolloids**

**Intermediates**

**Oils, vegetable and animal**

**Plasticizers**

**Silicic acids**

**Solids**

**Solvents**

**Starches**

**Starch breakdown products**

**Sugar substitutes**

**Waxes**

# Portfolio – Germany

## ALCOHOLS

Technical grades as well as qualities for use in the areas of Food (F), Pharmaceutical (P), Cosmetics

Glycerin <sup>F,P</sup>	Ethanol <sup>P</sup>	
Monoethylene glycol <sup>F</sup> (Glycol MEG)	Isopropyl alcohol <sup>P</sup> (IPA)	

### Alcohols (simple)

Methanol (extra pure Ph. Eur. & pure)	Cyclohexanol	Alcoholates (sodium methylate and sodium ethylate)
Ethanol	n-pentanol	
(70% and absolute/pure; denatured: 520, 632, 641, 642, 651, 652)	Ethoxypropanol (see propylene glycol ethyl ether)	

### Alcohols (diols)

2-methyl-1,3-propane diol (methyl propane diol)	1,6 hexanediol	2-ethylhexane-1,3-diol (ethylhexane diol)
Butylene glycol:	“Hexylene glycol” HG (2-methyl-2,4-pentanediol)	
1,4-butane diol & 1,3-butane diol (cosmetic and technical quality)	Neopentyl glycol	

## AMINES

Alkanolamines & derivates (pure, proportional, and in solution)

Monoethanolamine, diethanolamine and triethanolamine	Methylethanolamine, ethylethanolamine, butylethanolamine	Methyldiethanolamine
Monoisopropanolamine, diisopropanolamine and triisopropanolamine	Dimethylethanolamine, diethylethanolamine	

### Alkylamines & derivates

Triethylamine	Monoalkylamines, dialkylamines and trialkylamines	Ethylenediamine
n-octylamine		Hexamethylenediamine (pure and in solution)
Dibutylamine	(alkyl = methyl, ethyl, isopropyl, n-butyl, tert. butyl, n-octyl, tridecyl, cyclohexyl, benzyl)	Hexamethylenetetramine

### Special amines

Morpholine & derivates (e.g. n-methyl morpholine solution)	Piperazine	Baxxodur®
Aniline & derivates: 2,6-xylidine	Lupragen®	Melamine

## INORGANIC BASIC SUBSTANCES – SOLIDS, LIQUIDS, SALTS

Borax	Nickel chloride	Sulphur
Boric acid	Nickel sulphamate	Urea (and its derivates – also see Services: AdBlue®)
Caustic potash	Nickel sulphate	Water (chemically pure)
Caustic soda	Para-toluene sulphonic acid	Zinc oxide
Citric acid	Sodium chloride	Zinc sulphate
Copper sulphate	Sodium silicate	

**Salts in alphabetic order**

Acetates	Formiates	Sodium carbonate
Aluminates	Iodates	Stearates
Borates	Molybdates	Sulphates
Bromides	Nitrates	Sulphites
Chlorates	Nitrites	Tartrates
Chlorides	Oxides	Tetrafluorborates
Cyanides	Phosphates	Thiosulphates
Fluorides	Potassium carbonate	

**CARBONIC ACIDS**

Adipic acid	Phthalic acid anhydride	Maleic acid (anhydride)
Fumaric acid	Succinic acid	

*Fruit acids such as citric acid: see our portfolio "Raw materials for the food industry"*

**ESTERS (acetates, formiates & DBEs)**

**GLYCOLACETATES: see Glycols**

Methylformiate	Isoamyl acetate	n-propyl acetate
n-butyl acetate	Isobutyl acetate	Dibasic esters
Ethyl acetate	Methyl acetate	DBE (dimethyl esters of dicarboxylic acids: glutaric acid, succinic acid and adipic acid)
2-ethylhexyl acetate	Methoxy propyl acetate (MPA)	

**ETHERS (glycol ethers: see Glycols)**

Dimethyl ether	Diisopropyl ether	Methyl-tert. butyl ether (MTBE)
Diethyl ether (also pharmaceutical grade)	Di-n-butyl ether (DNBE)	Glycidyl ether
	Di-n-octyl ether	

**ETHYLENE GLYCOL MONOETHERS**

Isopropyl glycol (IPG)	Methyl diglycol (MDG)	Methyl triglycol (MTG)
Butyl glycol (BG)	Ethyl diglycol (EDG)	Butyl triethelne glycol (BTG)
n-hexyl glycol	Butyl diglycol (BDG)	
Monophenyl glycol	Hexyl diglycol (HDG)	

# Portfolio – Germany

## FATTY ACIDS

### Fractionated fatty acids

Behenic acid C22	Erucic acid C22:1	Palmitic acid C16
Capric acid C10	Lauric acid C12	Stearic acid C18
Caproic acid C6	Myristic acid C14	
Caprylic acid C8	Olein/oleic acid C18:1	
<i>Blends possible</i>		

### Distilled fatty acids

12-hydroxy stearic acid	Mixed oil fatty acid	Soybean oil fatty acid
Castor oil fatty acid	Palm kernel oil fatty acid	Sunflower oil fatty acid
Coconut oil fatty acid	Rape-seed oil fatty acid	Tall oil fatty acid

### Fatty acid esters

2-ethylhexyl palmitate	IPM Isopropyl myristate	MCT oil
2-ethylhexyl stearate	IPP Isopropyl palmitate	Rape-seed oil methylester (RME)

## FILLERS AND SOLIDS (mineral)

Gypsums/calcium sulphate	CASEA gypsums: Ceramic industry & structural ceramics (both outside of Germany), foodstuffs applications	
Kaolin		
Barium sulphate	Barium sulphate as filler	
Talcum	Finntalc by Mondo Minerals	

## GLYCOL ACETATES

Propylene glycol diacetate (PGDA)	Butyl diglycol acetate (BDGA)	Tetraethylene glycol dioctoate
Ethyl diglycol acetate (EDGA)	Butyl glycol acetate (BGA)	

## GLYCOL DIETHERS

Diethylene glycol diethyl ether	Tetraethylene glycol dimethyl ether
Dipropylene glycol dimethyl ether	Polyethylene glycol(300) dibutyl ether

**GLYCOLS (1,2-DIOLS)**

**Monomere**

(Mono)ethylene glycol (MEG) (qualities: technical, fibre)	Propylene glycol (PG) (qualities: technical, chemically pure USP, HP)
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**Oligomers**

Diethylene glycol (DEG)	Dipropylene glycol (DPG)
Triethylene glycol (TEG)	Tripropylene glycol (TPG)

**Polymers**

see Polyether polyols

**RESINS/BONDING AGENTS**

**Epoxy systems**

Basic resins: (bisphenol A, bisphenol F, blends) Reactively diluted resins, lacquer-grade resins, solid resins	Curing agents: Amine curing agents (epoxy amine adducts and blends, polyaminoamides) Anhydride curing agents (MNA, MHHPA, MTHPA, HHPA)	Reactive diluents: monofunctional difunctional trifunctional
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**Epilox® product portfolio by Leuna-Harze**

**Porous resins by Poromer**

**KETONES**

Acetone	Diethyl ketone	Methyl ethyl ketone (MEK)
Acetophenone	Diisobutyl ketone (DIBK)	Methyl isobutyl ketone (MIBK)
Cyclohexanone	Ethylamyl ketone	Methylamyl ketone (MAK)

**HYDROCARBONS: Spirits, aromatic compounds, alkanes**

**n-alkanes**

Pentane	Hexane	Heptane
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**Isoalkanes**

Pentane	Heptane	Dodecanes
Hexane	Octane	

**Blends free from aromatic compounds**

isoparaffins	Special spirits (different boiling-point ranges)	D-types
n-paraffins		

**Aromatic compounds and hydrocarbon blends containing aromatic compounds**

Toluene	Ortho-xylene
Ethyl benzene	White spirits and solvent naphtha (different boiling ranges/flash points)
Xylol	

## Portfolio – Germany

### Hydrocarbons: Alpha olefins (1-alkenes) by Shell

Neodene® C6: 1-hexene	Neodene® C14: 1-tetradecene	Neodene® C 12/14: 2:1, blend
Neodene® C8: 1-octene	Neodene® C16: 1-hexadecene	Neodene® C 14/16: 2:1, blend
Neodene® C10: 1-decene	Neodene® C18: 1-octadecene	Neodene® C 16/18: 6:4, blend
Neodene® C12: 1-dodecene	Neodene® C20-22: Blend	

### ALKALINE SOLUTIONS (available in different concentrations)

Ammonia solution	Sodium bisulphite solution	Sodium hypochlorite solution
Potassium hydroxide solution	Sodium hydroxide solution	

### SOLVENTS

(for solvent naphtha, isoparaffins, spirits, aromatic compounds, etc.: see Hydrocarbons)

1,2-dichloroethane	DMAC (dimethyl acetamide)	NMF (n-formyl morpholine)
1,3-dioxolane	DMF (dimethyl formamide)	NMP (n-methyl pyrrolidone)
1,4-dioxane	DMSO (dimethyl sulphoxide)	NOP (n-octyl pyrrolidone)
Acetonitrile	Ethyl benzene	Propylene carbonate
Dibasic esters	Ethylene carbonate	THF (tetrahydrofuran)
Diisopropyl naphthalene	GBL (gamma-butyrolactone)	Trichloroethylene and perchloroethylene
Dimethyl-2-methyl glutarate (Rhodiasolv® IRIS)	Methylene chloride (dichloromethane)	
	NEP (n-ethyl pyrrolidone)	

### SUSTAINABLE SOLVENTS

Type	Product		Description
Solvents & cleaners	ESTISOL®, ESTICLEAN	Estichem	Solvents not subject to marking and/or only minimally subject thereto, polymeric cleaning agents, graffiti removers
Terpene substitute	ESTISOL®	Estichem	inexpensive alternative to orange terpenes
Bitumen solvents	ESTICLEAN AR-PLUS	Estichem	Asphalt and bitumen solvents

### NATURAL RAW MATERIALS WITH A FOCUS ON THE FOOD INDUSTRY

(in part also available as pharmaceutical and technical grade)

Type	Description
Starches	Native, cold-swelling, thin-boiling, spray-boiled, ... From maize, waxy maize, tapioca, wheat, potatoes
Hydrocolloids	Carrageens, Guar gum, LBG, pectins, xanthane, alginates, gelatine, cellulose derivates (EC, MC, CMC)
Glucose, dextrans, dextroses	Starch breakdown products/saccharification products, glucose syrup, etc.
Sorbite/sorbitol	Sugar substitutes/polyols
Lecithins	

Please pay attention to our detailed portfolio "Raw materials for the food industry" as well.



**OIL & CHEMICAL ABSORBENTS**

Type	Description
Power Safe®	The green universal absorbent with indicator agent
QSORB	Oil and chemical absorbent granulate (fine and coarse)
Curasorb	Barriers, oil-absorbent fleeces and cloths

**PARAFFINS: WAXES, VASELINE, MINERAL WHITE OIL**  
 (High-quality products by Sasol in technical and in pharmaceutical quality)

Type	Description
Waxes	SASOLWAX®: Paraffin waxes, Fischer-Tropsch hard waxes
Wax dispersions	Hydrowax®
Vaseline	MERKUR®, VARA®
Mineral white oil	MERKUR®, VARA® (viscous and non-viscous)

**PER COMPOUNDS**

**Persulphates**

Ammonium persulphate	Potassium monopersulphate
Potassium persulphate	Sodium persulphate

**Organic peroxides**

BP	DTBP	TBPB
DCLBP	PMBP	TMCH
DHBP	TBHP	...

**Hydrogen peroxide**

various concentrations; technical goods and aseptic quality such as DUROX® and AOPACK®

**Perchloric acid**

**PIGMENTS**

**Colored pigments**

Inorganic	BAYFERROX®, COLORTHERM® by Lanxess: Pigments red, yellow, green, black, brown, blue
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**White pigments**

Titanium dioxide	KRONOS®-TiO2 technical (paint & coatings and Plastics), pharmaceutical, and food qualities
Zinc sulphide	SACHTOLITH® by Sachtleben
Zinc oxide	Zinc white
BaSO <sub>4</sub> /ZnS	Lithopone by Sachtleben

## Portfolio – Germany

### VEGETABLE AND ANIMAL OILS

Wood oil	Boiled linseed oil	Castor oil
Coconut oil	Maize germ oil	Safflower oil
Varnish linseed oil	Palm oil	Soybean oil
Lard oil	Rape-seed oil/canola oil	Sunflower oil
Linseed oil	Beef tallow	Tall oil distillate

*A lot of oils are also available as stand oil or blown oil in different viscosities, blends are possible.*

### POLYETHER POLYOLS

**(among others, soft segments for PUR and polyester, plasticizers, humectants, bonding agents, detergents basis)**

Polytetrahydrofuran ("PolyTHF")	Polypropylene glycol (PPG) with a molecular weight of 400 to 2,000
Polyethylene glycol (PEG) with a molecular weight of 200 to 35,000	Pluriol®

### PROPYLENE GLYCOL MONOETHERS

#### Propylene glycols

-methyl ether (PM)	-n-propyl ether (PnP)	-phenyl ether (PP)
-ethyl ether (= ethoxypropanol EP)	-n-butyl ether (PnB)	

#### Dipropylene glycols

-methyl ether (DPM)	-n-propyl ether (DPnP)	-n-butyl ether (DPnB)
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#### Tripropylene glycols

-methyl ether (TPM)	-n-butyl ether (TPnB)	-methyl ether
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### ACIDS & ACID ANHYDRIDES (in part available in different concentrations)

2-ethylhexanoic acid	Hydrofluoric acid	Phosphoric acid
Acetic acid (and acetic anhydride)	Isononanoic acid	Propionic acid
Formic acid	Methanesulphonic acid	Sulphuric acid
Glycolic acid	Nitric acid	
Hydrochloric acid	Phenolsulphonic acid	

### ACID CHLORIDES

Acetyl chloride	Benzoyl chloride
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### SILICA (silicic acid)

The Evonik product portfolio: AEROSIL®, SIPERNAT®, AEROXIDE®, AERODISP®, ACEMATT®	Carrier substance/substrate
Flow additives and dispersion additives	Anticaking agents
Rheology control	Defoaming additives

**SURFACTANTS/TENSIDES**

Sodium lauryl ether sulphate (SLES, including: sodium laureth sulphate)

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**WATER TREATMENT**

Basic chemicals for pH level adjustment; disinfection/oxidation; flocculants, water-conditioning, filter materials (filter sand, activated carbon)  
 Iron chloride solutions, iron chloride sulphate solutions, aluminium chloride, polyaluminiumchloride

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**PLASTICIZERS BY BASF**

Hexamoll® DINCH	Palamoll®
Palatinol®	Plastomoll®

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**MINERAL WHITE OIL**

Product	Viscosity kin. 40°C in mm²/s
Mineral white oil Merkur WOP 15	8,5-11,0
Mineral white oil Merkur WOP 40 PB Pharma	14,0-18,5
Mineral white oil techn. Type 30	30,0-36,0
Mineral white oil techn. Type 240 PB Pharma	62,0-75,0
<i>other types and various qualities available</i>	

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**SERVICES & TAILORED SOLUTIONS**

Recycling	Your competent partner for the recycling of organic solvents. We have 2 columns and a rotary evaporator with a distillation capacity of 18,000 tons per year. We specialise in contract distillation and ultra-pure wastes in the areas of: ketones/acetates/alcohols/aromatic compounds
Surface Treatment	Tailored to special requirements, we develop and produce products both for surface treatment in the metal industry as well as for cleaning and disinfection in the foodstuffs area.
Tailored Products	We manufacture tailored blends and formulations in accordance with the highest quality standards.
AdBlue®	In addition to the reliable delivery by AdBlue®, from the 5L canister to delivery in a tank truck, we also offer the necessary equipment for gas stations and fleets. We are looking forward to advising you, from the planning to the installation of your tailored truck and passenger car fuel storage system.

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 Ad Blue®  
 Adipic acid  
 AERODISP®  
 AEROSIL®  
 AEROXIDE®  
 Alcoholates  
 Aluminates  
 Ammonia solution  
 Ammonium persulphate  
 Aniline

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 Ethyl benzene  
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 Gypsums/calcium sulphate

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 Hexamoll® DINCH  
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 Isopropyl glycol (IPG)

## K

Kaolin

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 n-propyl acetate  
 Neodene®  
 Neopentyl glycol  
 NEP (n-ethyl pyrrolidone)  
 Nickel chloride  
 Nickel sulphamate  
 Nickel sulphate  
 Nitrates  
 Nitric acid  
 Nitrites  
 NMF (n-formyl morpholine)  
 NMP (n-methyl pyrrolidone)  
 NOP (n-octyl pyrrolidone)

**O**

Octane  
 Olein/oleic acid C18:1  
 Organic peroxides  
 Ortho-xylene  
 Oxides

**P**

Palamoll® PalatinoI®  
 Palm kernel oil fatty acid  
 Palm oil  
 Palmitic acid C16  
 Para-toluene sulphonic acid  
 Pentane  
 Perchloric acid  
 Phenolsulphonic acid  
 Phosphates  
 Phosphoric acid  
 Phthalic acid anhydride  
 Piperazine  
 Plastomoll®

Pluriol®  
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**R**

Rape-seed oil fatty acid  
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 Rape-seed oil/canola oil

**S**

Safflower oil  
 SIPERNAT®  
 Sodium bisulphite solution  
 Sodium carbonate  
 Sodium chloride  
 Sodium hydroxide solution  
 Sodium hypochlorite solution  
 Sodium lauryl ether sulphate/sodium laureth sulphate  
 Sodium persulphate  
 Sodium silicate  
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**T**

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 Tall oil distillate

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 Trimethylolpropane  
 Tripropylene glycol (TPG)  
 Tripropylene glycol methyl ether (TPM)  
 Tripropylene glycol n-butyl ether (TPnB)

**U**

Urea

**V**

Varnish linseed oil  
 Vaseline

**W**

Water (chemically pure)  
 Wax dispersions  
 Waxes  
 White spirit  
 Wood oil

**X**

Xylol

**Z**

Zinc oxide  
 Zinc sulphate  
 Zinc sulphide  
 1,2-dichloroethane  
 1,3-butanediol  
 1,3-dioxolane  
 1,4-butanediol  
 1,4-dioxane  
 1,6-hexanediol  
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 2-ethylhexanoic acid  
 2-ethylhexyl acetate  
 2-methyl-1,3-propanediol  
 2,6-xylidine

## Portfolio – Europe

Type	CAS-No	Type	CAS-No
<b>2D CHEMICALS</b>		<b>CHLOROTOLUENES</b>	
Nanene™ (Graphene)	1034343-98-0	Benzyl Chloride	100-44-7
<b>ANTIOXIDANTS</b>		Benzyl Alcohol	100-51-6
<b>Diphenylamine</b>		Benzoyl Chloride	98-88-4
Acetone diphenylamine (BLE)	68412-48-6	Benzotrichloride	98-07-7
Octylated Diphenylamine (ODPA)	101-67-7	Dibenzyl Oxide	103-50-4
<b>Naphthylamine</b>		Ortho-Chloro Benzyl Chloride	611-19-8
N-phenyl-anaphthylamine (PAN)	90-30-2	<b>COATING PRODUCTS</b>	
Phenyl- $\alpha$ -tert-butyl nitron (PBN)	135-88-6	2-Pyrrolidone	616-45-5
<b>Phenol</b>		4,4-Thiobis(6-tert-butyl-m-cresol)	96-69-5
2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (2246)	119-47-1	4-Chlorobenzotrifluoride (PCBTF)	98-56-6
Butylated Hydroxy Anisole (BHA)	25013-16-5	Alpha Methyl Styrene (AMS)	98-83-9
Butylated Hydroxy Toluene (BHT –Both Technical & Food grade)	128-37-0	Benzyl Alcohol	100-51-6
Styrenated Phenol (SP)	61788-44-1	DAP A (Diallyl Phthalate Prepolymer)	25053-15-0
<b>P-Phenylenediamine</b>		DAP M (Diallyl Phthalate Monomer)	131-17-9
N(1,3-dimethyl-butyl)-N'-phenyl-P-phenylenediamine (6PPD)	793-24-8	Dicyclohexyl Phthalate (DCHP)	84-61-7
N-(1,4-Dimethylpentyl)-N'-phenyl-p-phenylenediamine (7PPD)	3081-14-9	Diethylbenzene	25340-17-4
N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD)	101-72-4	Di Methyl para Toluidine (DMPT)	99-97-8
<b>Quinoline</b>		Divinylbenzene 57%, 63% & 80% (DVB)	1321-74-0
2,2,4-Trimethyl-1,2-dihydroquinoline polymer (TMQ)	26780-96-1	Ethylene glycol dimethacrylate (EGDMA)	97-90-5
<b>CATALYSTS</b>		Hexamine	100-97-0
Di-n-Butyltin-di-Laurate (DBTL)	77-58-7	N,N-Diethylacetoacetamide (DEAA)	2235-46-3
N,N-Dimethylcyclohexylamine (DMCHA)	98-94-2	N,N-Diethyl Aniline	91-66-7
N-Butyl Lithium (N-BuLi) (Offering various concentrations & carriers)	109-72-8	N,N-Dimethyl Aniline	121-69-7
Neodymium Oxide – Varying purities offered.	131-97-9	N,N-Dimethylacetoacetamide (DMAA)	2044-64-6
Stannous Octoate	301-10-0	N,N-Dimethyl-p-toluidine	99-97-8
<b>CHAIN EXTENDERS / CROSS-LINKING AGENTS</b>		N,N-Dihydroxyethyl Aniline	120-07-0
1,6-Hexanediol (Available in both solid & liquid form)	629-11-8	N,N-Dihydroxyethyl Para Toluidine (Solid or Ethoxylated)	3077-12-1
Hydroquinone bis(2-hydroxyethyl)ether (HQEE)	104-38-1	p-Toluene Sulphonic acid (PTSA)	104-15-4
Tris(2-hydroxyethyl) Isocyanurate (THEIC)	839-90-7	Para Toluidine 99% Min	106-49-0
		PVP/VA Lan 64S	25086-89-9
		Pyridine	110-86-1
		Triethyleneglycol-dimethacrylate (TEGDMA)	109-17-1
		Vinyl Toluene (VT)	25013-15-4

Type	CAS-No
<b>FLAME RETARDANTS</b>	
Aluminium Hydroxide (ATH)	21645-51-2
Ammonium Polyphosphate	68333-79-9
Antimony Trioxide	1309-64-4
DECA Ethane (DPDPE)	84852-53-9
DOPO (9, Dihydro-9-oxa-10-phosphaphenanthrene 10-oxide 6-H- dibenz(c,e)(1,2) oxaphosphorin 6-oxide)	35948-25-5
Melamine Polyphosphate	20208-95-1
Tetraphenyl resorcinol bis(diphenyl phosphate) (RDP)	57583-54-7
Tris (1-Chloro-2-Propyl) Phosphate (TCPP)	1244733-77-4
Tris (1,3-Dichloro-2-Propyl) Phosphate (TDCPP)	13674-87-8
Triethyl Phosphate (TEP)	78-40-0
Triphenyl Phosphate (TPPP)	115-86-6
<b>FLUOROPOLYMERS</b>	
ETFE	1333-86-4
FEP	25067-11-2
PCTFE	9002-83-9
PFA	26655-00-5
PTFE	9002-84-0
PTFE Fine Powder	9002-84-0
<b>INHIBITORS AND ACCELERATORS</b>	
1,4 Naphthoquinone	130-15-4
2-Methyl-1,4 Naphthoquinone	58-27-5
2,5 Di-Tertiary-Butylhydroquinone (2,5-DTBHQ)	88-58-4
2,5-Di-Tertiary-Parabenzquinone (2,5-DTPBQ)	2460-77-7
4-Methoxyphenol (MEHQ)	150-76-5
4-Tert Butyl Catechol (4-TBC)	98-29-3
Hydroquinone (HQ)	123-31-9
Mono Tertiary Butyl Hydroquinone (MTBHQ)	1948-33-0
N-Ethyl-N-Hydroxyethylaniline	92-50-2
P-Benzoquinone (Both available in styrene soluble bags)	106-51-4
Phenothiazine	92-84-2
Tolhydroquinone (THQ)	96937-50-7
Trimethyl Hydroquinone (TMHQ)	700-13-0

Type	CAS-No
<b>LIFE SCIENCE</b>	
Intermediates and APIs for the pharmaceutical, Agricultural and Biotech Industries	
2,2,6,6 Tetra Methyl Piperidine	768-66-1
2,6-Lutidine	108-48-5
2-Chloro Pyridine	109-09-1
2-Methyl-6-Nitroaniline	570-24-1
4-Nitro-o-phenylenediamine	99-56-9
Allyl Acetate	591-87-7
Beta Picoline	108-99-6
Chlorhexidene Gluconate	18472-51-0
Hydrazine Hydrate (HH)	10217-52-4
Hydriodic Acid	73-40-5
Hydroxylamine Hydrochloride	5470-11-1
Hydroxylamine Sulphate	10039-54-0
Hydroxylamine 50% Solution	7803-49-8
Iodine Prills	7553-56-2
Methyl-2-Chloropropionate	17639-93-9
N-Methyl Piperidine	626-67-5
Potassium Iodide (KI)	7681-11-0
Povidone Iodine (PVP-I)	25655-41-8
Polyvinylpyrrolidone (PVP)	9003-39-8
Pyridine	110-86-1
Resorcinol	108-46-3
Robenidine HCl	25875-50-7
Sodium Iodide	7681-82-5
Tert-Butylhydroquinone (TBHQ)	1948-33-0
Thiourea	62-56-6
<b>MANUFACTURED PRODUCTS</b>	
Gadolinium Nitrate	10168-81-7
Hydrazine Hydrate solutions tailored to customer demand (HH)	7803-57-8
Hydrazine Nitrate (HN)	13464-97-6
Hydroxylamine Nitrate (HAN)	13465-08-2
Lithium Nitrate	7790-69-4
Strontium Nitrate	10042-76-9

## Portfolio – Europe

Type	CAS-No
<b>METAL DRIERS</b>	
Calcium 5, 10	7440-70-2
Cobalt 6, 10, 12, 21	7440-48-4
Copper 6, 8	7440-50-8
Potassium 10, 15	7440-09-7
Zirconium 18	7440-67-7

### PERFORMANCE CHEMICALS

Specialty and fine chemicals for custom synthesis applications

Acetonitrile	75-05-8
Acetylacetone	123-54-6
Adipic Acid	124-04-9
Benzyl Alcohol	100-51-6
Beta/Gamma Picoline	108-99-6
Boric acid	10043-35-3
Chloroacetaldehyde Dimethyl Acetal (CADMA)	97-97-2
Chlorhexidine Gluconate	18472-51-0
Cysteamine HCl	156-57-0
Diethyl Benzene	25340-17-4
Diethyl Malonate	105-53-3
Diethyl Sulfate	64-67-5
Dimethylamine	124-40-3
Dimethyl Malonate	108-59-8
Ethyl Acetoacetate	141-97-9
Hydriodic Acid	73-40-5
Hydroquinone (HQ)	123-31-9
o-Dichlorobenzene	95-50-1
m-Nitro Benzoic Acid	121-92-6
Methyl acetoacetate	105-45-3
Povidone Iodine (PVP-I)	25655-41-8
Polyether Polyols: We offer a full range of diols, triols and cross-linkers	Various
Polyvinylpyrrolidone (PVP)	9003-39-8
Resorcinol	108-46-3

Type	CAS-No
Resorcinol Diacetate (RDA)	108-58-7
Saccharin (Insoluble)	81-07-2
Saccharin (Soluble/Sodium)	128-44-9
Sodium Azide	26628-22-8
Tamisolve NxG	Proprietary
Thiourea	62-56-6
Trimethyl Pentanediol (TMPD)	144-19-4
Triethylamine	121-44-8
Triacetin	102-76-1

Type	INCI-Name	CAS-No
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### PERSONAL CARE

Synthetic and Natural Cosmetic Raw Ingredients for Skin, Hair, Colour Cosmetic, Bath and Dermatological Market Sectors.  
*RSPO Ingredients Available on Request.*

LanCos B35	Cocamidopropyl Betaine (30% active, 5% NaCl unpreserved)	1789-40-0 532-32-1
LanCos B45	Cocamidopropyl Betaine (38% active, 7% NaCl unpreserved)	61789-40-0 532-32-2
LanCos CDEA	Cocamide DEA	68603-42-9
LanCos SLES 28	Sodium Lauryl Ether Sulphate (28% unpreserved)	9004-82-4
LanCos DHA (Powder)	Dihydroxyacetone	96-26-4
LanCos EM40 - HCO	PEG-40 Hydrogenated Castor Oil (99% active)	61788-85-0
LanCos EM50	Glycol Stearate	111-60-4
LanCos EM911-8	C9-11 Pareth-8	68439-46-3
LanCos EMC	Cetyl Alcohol	36653-82-4
LanCos EMS	Stearyl Alcohol	112-92-5
LanCos EMCS	Cetearyl Alcohol	67762-27-0
LanCos EMCS20	Ceteareth-20	68439-49-6
LanCos EMP-20	Polysorbate-20	9005-64-5
LanCos EMP-40	Polysorbate-40	9005-66-7
LanCos EMP-60	Polysorbate-60	9005-67-8



Type	INCI-Name	CAS-No
LanCos EMP-80	Polysorbate-80	9005-65-6
LanCos EMSP	Sorbitan Palmitate	626266-57-9
LanCos GMS NSE	Glyceryl Stearate	31566-31-1
LanCos GMS SE	Glyceryl Stearate	31566-31-1
LanCos Mineral Oil Heavy	Parafinium Liquidum (BP)	8012-95-1
LanCos Mineral Oil Light	Parafinium Liquidum (BP)	8012-95-1
LanCos MPG	Propylene Glycol (USP)	57-55-6
LanCos NDP	NDP	2687-96-9
LanCos PEG-150 DS	PEG-150 Distearate	9005-08-7
LanCos Petrolatum	Petrolatum (BP)	8009-03-8
LanCos PQ-7	Polyquaternium-7	26590-05-6
LanCos PR POE	Phenoxyethanol	122-99-6
LanCos PVP K30/100	PVP (100% Active Powder)	9003-39-8
LanCos PVP-K30/30	PVP (30% Solution)	9003-39-8
LanCos VP-VA range	VP/VA Copolymers	on request
LanCos SC PAN	Panthenol (-DL)	16485-10-2
LanCos SC PAN (D)	Panthenol (-D)	16485-10-2
LanCos UV360	Ethylhexyl Dimethyl PABA	21245-02-3
LanCos UVB	Benzophenone	119-61-9
LanCos UVB-3	Benzophenone-3	131-57-7
LanCos UVB-4	Benzophenone-4	4065-45-6
LanCos VIT EA	Tocopheryl Acetate	7695-91-2

**RUBBER ACCELERATORS**

**Amines**

Hexamethylene Tetraamine (HMT)	100-97-0
Tetramethyl-Thiodicarbonic diamide (TMTM)	97-74-5

**Dithiocarbamates**

Ethylene thiourea (ETU)	96-45-7
Zinc Dibenzylidithiocarbamate (ZBEC)	14726-36-4
Zinc Dibutylidithiocarbamate (ZDBC)	136-23-2
Zinc diethyl dithiocarbamate (ZDEC)	14324-55-1
Zinc Dibutylidithiocarbamate (ZDMC)	137-30-4

Type	CAS-No
<b>Guanidines</b>	
Di-o-tolylguanidine (DOTG)	97-39-2
N,N'-diphenylguanidine (DPG)	102-06-7
<b>Sulphenamines</b>	
4-(2-Benzothiazolyldithio) Morpholine (MDB)	95-32-9
N-cyclohexylbenzothiazole-2-sulfenamide (CBS)	95-33-0
N-Oxydiethylene-2-benzothiazole sulfonamide (NOBS)	102-77-2
N-tert-Butyl-2-Benzothiazolesulfenamide (TBBS)	95-31-8
N,N'-Dicyclohexyl-2-benzothiazolesulfenamide (DCBS)	4979-32-2
Tetraethylthiuram (TETD)	97-77-8
Tetramethyl thiuram disulfide (TMTD)	137-26-8
<b>Thiazoles</b>	
2-Mercaptobenzothiazole (MBT)	149-30-4
2,2'-dithiobisbenzothiazole (MBTS)	120-78-5
Zinc 2-Mercaptobenzothiazole (ZMBT)	155-04-4

**RUBBER ADDITIVES**

**Antiscorching Agent**

Hexamethylene-1,6-bis(thiosulfate), disodium salt, dehydrate (HTS)	5719-73-3
N-Cyclohexylthio Phthalimide (PVI)	17796-82-6

**Peptiser**

2,2'-Dibenzamido Diphenyl Disulphide (DBD) (99%)	135-57-9
2,2'-Dibenzamido Diphenyl Disulphide (DBD) (40%)	135-57-9

**Vulcanising Agent**

4,4'-dithiodimorpholine	103-34-4
Sulphur (IS)	7704-34-9

**RUBBER / LATEX INTERMEDIATES**

4-tert-Butylcatechol 44% in toluene	98-29-3
4-tert-Butylcatechol 85% water	98-29-3
Dibenzylether	103-50-4
N-Isopropylhydroxylamine 15% (IPHA)	5080-22-8
N,N-Diethylhydroxylamine 85% Solution (DEHA)	3710-84-7
Resorcinol	108-46-3
Resorcinol Diacetate (RDA)	108-58-7
Tris-Nonylphenylphosphite	26523-78-4

## Portfolio – Europe

Type	CAS-No
<b>SILANES, SILICONES AND SILOXANES</b>	
Silica based compounds and emulsions for use in personal care, food, pharma and industrial applications	
3-aminopropyltriethoxysilane	919-30-2
3-Glycidyloxypropyltrimethoxysilane (GLYMO)	2530-83-8
80% Quat Micro	
Amodimethicone	71750-80-6
Amodimethicone (and) Trideceth-12 (and) Cetrimonium chloride (and) Phenoxyethanol	71750-80-6 69011-36-5 112-02-7 122-99-6
Amodimethicone (and) Trideceth-7 (and) Trideceth-5 (and) Propylene Glycol (and) Trideceth-12	75718-16-0 69011-36-5 69011-36-5 57-55-6 69011-36-5
Animomicro emulsion	
Cetyl Dimethicone	191044-49-2
Cyclopentasiloxane	541-02-6
Cyclopentasiloxane (and) Cyclohexasiloxane	541-02-6 540-97-6
Cyclopentasiloxane (and) Dimethiconol	541-02-6 70131-67-8
Cyclopentasiloxane (and) Dimethicone	541-02-6 63148-62-9
Dimethicone (All viscosities)	63148-62-9
Dimethiconol (and) TEA-Dodecylbenzenesulphonate	70131-67-8 27323-41-7
Disiloxane - Silicone oil 0.65cSt	63148-62-9
EP silicone emulsion	
Ethyltriacetoxysilane	17689-77-9
Methyltriacetoxysilane	4253-34-3
Methyltris(methylethylketoxime)silane	22984-54-9
N-2-Aminoethyl-3-aminopropyltrimethoxysilane (DAMO)	5089-72-5

Type	CAS-No
OH Polymer	
Polydimethylsiloxane - Silicone Oil (Varying grades)	63148-62-9
Silicone Elastomers	on request
Silicone emulsion	
Technical, food and FDA approved antifoam	
Vinyltris(methylethylketoxime)silane	2224-33-1
Vinyltrimethoxysilane (VTMO)	7291-09-0
<b>WATER TREATMENT</b>	
FlocuLan	85029-52-3
Mercaptazine	17766-26-6

## OQEMA in all of Europe

We have been growing constantly, are at home in Europe, and nevertheless we are in the locations where our customers are. The Overlack Group features a total of 40 locations in 17 countries: because short delivery distances and quick response times are important to us. Because of the close cooperation with our producers, we guarantee a high degree of quality, flexibility, and reliability of supply.

### NETWORK

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<b>Belgium</b>	<b>Lithuania</b>	<b>Slovakia</b>
<b>Bulgaria</b>	<b>Netherlands</b>	<b>Slovenia</b>
<b>Germany</b>	<b>Austria</b>	<b>Czech Republic</b>
<b>France</b>	<b>Poland</b>	<b>Ukraine</b>
<b>Great Britain</b>	<b>Romania</b>	<b>Hungary</b>
<b>Greece</b>	<b>Switzerland</b>	



**We would love to handle your Europe-wide deliveries.**

Simply give us a call or write us.

We are looking forward to hearing from you.

OQEMA GmbH  
info@oqema.com

www.oqema.com

