

## DELIVERY PROGRAM

### Silicone fluids

**Kurt Obermeier GmbH & Co. KG / complete overview on request**

KORASILON® CC 5	Decamethylcyclopentasiloxane with high volatility and cyclic structure
KORASILON® Fluids R	Hydroxy-capped linear polydimethylsiloxane
KORASILON® Fluids TX	Special amino-functional polydimethylsiloxanes for textiles and fabrics
KORASILON® Fluids AF	Hydrophobic agent for use in automated car washes; gloss and detergent resistance in paint preservers and lacquer polishing
KORASILON® Fluid MH 20	Polydimethylhydrogensiloxan for hydrophobic treatment of different kinds of substrates

*Following types are available in different viscosities, intermediate viscosities, stabilized or colored modifications:*

KORASILON® Fluids M	Polydimethylsiloxane, technical quality
KORASILON® Fluids MPH	Polydimethylsiloxane, pharmaceutical quality – tested according to DAB
KORASILON® Fluids TT	Polydimethylsiloxane for the use as heat transfer media at low temperatures
KORASILON® Fluids AM	Modified polysiloxane (Alkyl, Aryl, Alkyl/Aryl)
KORASILON® Fluids G	Special fluids based on polysiloxanes for the use as lubricant
KORASILON® Fluids HT	Polydimethylsiloxane for the use as heat transfer media at high temperatures
KORASILON® Fluids HT-A	Polydimethylsiloxane for the use as heat transfer media in extended temperature range

### Silicone emulsions

**Kurt Obermeier GmbH & Co.KG / complete overview on request**

KORASILON® Ölemulsion NPF 35 / 60 E	35% or 60% aqueous emulsion of a polydimethylsiloxane
KORASILON® Ölemulsion SRF 20 / 35	20% or 35% anionic emulsion of polydimethylsiloxane, stress corrosion crack-free
KORASILON® Ölemulsion ER 60	60% emulsion of a reactive polysiloxanes
KORASILON® Ölemulsion AMF 35	35% amino-functional polydimethylsiloxane emulsion
KORASILON® Ölemulsion BAH 40	40% aqueous, fine emulsion of a high viscous polydimethylsiloxane, high resistance against high shear stress.
KORASILON® Ölemulsion M 1	50% anionic emulsion of hydroxyl modified, very high molecular Polydimethylsiloxane
KORASILON® Ölemulsion LMF	Solvent free, aqueous emulsion of a polydimethylsiloxane, food contact permitted (in accordance with BfR XV. Silicone)
KORASILON® Ölemulsion OHV-NPF	35% water dilutable reactive single component emulsion, based on OH-functional dimethylsiloxane
KORASILON® Ölemulsion PM 20	35% solvent free, non-ionic emulsion of a high viscous polydimethylsiloxane
KORASILON® Ölemulsion W 35	35% silicone wax emulsion to be used in release and preservative agents
KORALUB Emulsion G	Aqueous emulsion of a special slip additive for the manufacture of rubber profiles, causing no stress corrosion cracking. Clearance of Pilkington.

### Silicone pastes

**Kurt Obermeier GmbH & Co. KG / complete overview on request**

KORASILON® Pastes AA-type	Silicone paste based on alkyl-aryl polysiloxane, good over paintable and over glueable. Assembly paste for electrical connection
KORASILON® Pastes M-type	Based on polydimethylsiloxane, different penetration values, chemically und thermally stable
KORASILON® Pastes P-type	Based on phenyl-modified polysiloxanes, particularly thermally stable, compatible with silicone elastomers

## DELIVERY PROGRAM

### Silicone based release agents

**Kurt Obermeier GmbH & Co. KG / complete overview on request**  
 see also silicone oils & - emulsions - likewise as release agents applicable

KORASILON® Trennmittel VP 8300/2	Modified polydimethylsiloxane, slightly yellow liquid
KORASILON® Trennmittel D-AA 100	Alkyl-aryl functional polysiloxane, concentrate, improved over paintability
KORASILON® Ölemulsion AA 50	50% emulsion of an alkyl-aryl polysiloxane
KORASILON® Trennmittel MQ 100	Silicone resin solution, concentrate
KORASILON® Spezialtrennmittel	Special polydimethylsiloxane
KORASILON® Trennmittel P (new)	Solvent based, ready to use aerosol preparation of a modified silicone fluid
KORASILON® Trennmittel M (new)	Solvent based, ready to use aerosol preparation of a silicone fluid
KORASILON® Trennmittелеmulsion HL 30	38% aqueous emulsion of a highly viscous silicone fluid with a non-slip additive
KORASILON® Trennmittel OS	Ready to use aerosol preparation, silicone free

### Antifoam – silicone based

**Silicone compounds Kurt Obermeier GmbH & Co.KG / Individual antifoam-formulations on request**

KORASILON® Entschäumer 2020	Modified high molecular polydimethylsiloxane, for non-aqueous or organic media
KORASILON® Entschäumer FG 100	Modified polydimethylsiloxane, for non-aqueous or organic media, food contact permitted, in accordance with following regulations: FDA, LMBG, BfR XV. Silicone, 1333/2008/EG
KORASILON® Entschäumer ECA 20 SF	Modified high molecular polydimethylsiloxane, for non-aqueous or organic media, special defoaming formulation based on organo-modified siloxane, PDMS-free, not in accordance with DetVO 648/2004/EG, e.g. deaeration of paints and adhesives

**Silicone emulsion 10% active**

KORASILON® Entschäumer FG 10	Non-ionic emulsion, modified polydimethylsiloxane with medium molecular weight for aqueous or organic media, food contact permitted, in accordance with following regulations: FDA, LMBG, BfR XV. Silicone, 1333/2008/EG
KORASILON® Entschäumer FT 10 N	Non-ionic emulsion, modified polydimethylsiloxane, for aqueous, mainly surfactant containing solutions
KORASILON® Entschäumer GD	Non-ionic emulsion, coarsely dispersed, for aqueous surfactant solutions. Based on a special modified siloxane compound

**Silicone emulsion 20% and 30% active**

KORASILON® Entschäumer FT 20 N KORASILON® Entschäumer FT 30 N	Non-ionic emulsion, for aqueous mainly surfactant solutions, based on high molecular modified polydimethylsiloxane
KORASILON® Entschäumer EMA 124	20% emulsion, non-ionic, especially for surfactant, solvent based and/or electrolyte systems, not in accordance with DetVO
KORASILON® Entschäumer FG 20 KORASILON® Entschäumer FG 30	Non-ionic emulsion, modified polydimethylsiloxane with medium molecular weight for aqueous or organic media, food contact permitted, in accordance with following regulations: FDA, LMBG, BfR XV. Silicone, 1333/2008/EG

**Silicone emulsion >40% active**

KORASILON® Entschäumer FT 40 N	Non-ionic emulsion, for aqueous mainly surfactant solutions, based on a high molecular modified polydimethylsiloxane
KORASILON® Entschäumer CFT	55%, non-ionic emulsion, polydimethylsiloxane, self emulsifying, compound
KORASILON® Entschäumer FG 40 KORASILON® Entschäumer FG 45	Non-ionic emulsion, modified polydimethylsiloxane with medium molecular weight for aqueous or organic media, food contact permitted, in accordance with following regulations: FDA, LMBG, BfR XV. Silicone, 1333/2008/EG

**Special antifoam agent**

KORASILON® Entschäumer VP 70 KORASILON® Entschäumer VP 90	30% or 10% solution, special antifoaming agent for the oil industry based on polydimethylsiloxane in hydrocarbon mixture
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### Antifoam (Antifoam) - silicone free

#### Oil-based Kurt Obermeier GmbH & Co. KG / Individual antifoam-formulations on request

Entschäumer W Non-ionic, based on white oil, fatty acid derivate and alkylpolyglykolether for surfactant aqueous solutions. Not in accordance with DetVO

Entschäumer N Based on renewable raw materials for surfactant aqueous solutions. Not in accordance with DetVO

#### LEVACO Chemicals GmbH (former TANATEX)

LUCRAFOAM® DNE 01 Mineral oil based, self emulsifying, not in accordance with DetVO

#### Oil-free Kurt Obermeier GmbH & Co. KG

Tributylphosphate TBP, soluble in organic solvents

Entschäumer TE Based on tributylphosphate with emulsifying agent, self-emulsifying

Tri-iso-butylphosphate TiBP

Entschäumer TRE Based on tri-iso-butylphosphate with emulsifying agent, self-emulsifying

Entschäumer 7800 N-alkane sulfone acid amide

KORA Entschäumer BAC-N Special antifoam solution for concrete plasticizer formulations based on polycarboxylate ethers (PCE)

#### LEVACO Chemicals GmbH (former TANATEX)

LUCRAFOAM® L Surfactant based antifoam, not in accordance with DetVO

LUCRAFOAM® 1573 Surfactant based antifoam, not in accordance with DetVO

LUCRAFOAM® E 100 conc. Native fat (E471), food additive, especially for cooking processes

### Masonry water repellents

#### Kurt Obermeier GmbH & Co. KG / complete overview on request

KORATECT® C1 Pasty, aqueous 80% solvent-free hydrophobing agent, silane based

KORATECT® SL2 100% impregnating agent based on a monomeric silane

KORATECT® EA5 50% solvent free, water dilutable emulsion, based on silicone resin

KORATECT® EA6 60% aqueous hydrophobing agent / primer coat based on silane

KORATECT® LO-N Hydrophobing agent / primer coat based on silane, solvent dilutable

KORATECT® HZS Concentrate to establish horizontal damp-proof barriers, WTA approved

KORATECT® HSC Highly concentrated, thixotropic preparation for easy application as a damp course with anti-capillary effect

KORATECT® EA9 50% aqueous, solvent-free emulsion, based on silicone resin, impregnating agent for facades and mineral based building materials

KORATECT® EA10 35% aqueous, solvent-free emulsion based of siloxane and alkylalkoxysilane, facade impregnating agent, good penetration into absorbent mineral building materials

KORATECT® KMS-A 28% potassium-methylsiliconate solution, factory-made impregnation of clay brick

KORATECT® EA-F 60% solvent free water dilutable emulsion of a reactive polysiloxane

KORATECT® Mass hydrophobation Hydrophobic agents, directly added to the concrete mixture, DIN EN 934-2

System KORATECT® C1 / SL2 / EA7 Protection of concrete supporting structures, EN 1504-2 / DIN V 18026 / BAST

KORATECT® EA8 50% solvent-free emulsion based on a silane / siloxane compound for the use as impregnating agent.

### Molecular sieves - drying / purification of gases and liquids

#### Zeolite UOP CH Sàrl, Switzerland / complete overview on request

3A Powder, paste, beads, pellets

4A Powder, paste, beads, pellets

5A Powder, pellets

13X Powder, beads, pellets

HiSiv™ 1000 Pellets, powder, organophil, solvent and odor elimination

## DELIVERY PROGRAM

HiSiv™ 3000	Pellets, powder, organophil, solvent and odor elimination
<b>Secondary alkane-sulfonates (SAS)</b>	
<b>Sulfochlorination</b>	<b>Lanxess Deutschland GmbH</b>
Mersolat® H 30 / Solution 30%	Biologically degradable surfactants, in accordance with DetVO.
Mersolat® H 40 / Solution 40%	Additives for detergents and cleaning products with emulsifying and wetting properties
Mersolat® H 95 / Concentrate / scales	
<b>Silica sols - aqueous colloidal silica sols with excellent stability</b>	
	<b>Nouryon - Pulp and Performance Chemicals AB / Complete overview on request</b>
Levasil® CS50-34 P	Anti-slip (paper bags), polishing applications
Levasil® CS50-85 P	Special type of an highly concentrated, bimodal silica sol, e. g. as binder
Levasil® CS40-316 P	Binder for fire proof materials
Levasil® CS30-324 P	Paints, adhesives, printing industry
Levasil® CB8	To minimize segregation of cementitious systems
Levasil® CB45 / Levasil® CB50	Improvement of early and final strength / compaction of the microstructure
Levasil® CC - Types	Dispersion additives for pigments, reduced dirt pick-up, silicate paints
Levasil® GB - Types	Gelling agent in the lead-acid battery industry
<b>Phosphonic acids and phosphonates</b>	
	<b>Lanxess Deutschland GmbH</b>
Bayhibit® AM	PBTC / 50% solution aqueous solution, scale inhibitor, dispersing agent, acid form
Bayhibit® N	41% solution PBTC Na <sub>4</sub> -Salt, scale inhibitor, dispersing agent, neutral form
Bayhibit® S Granulate	87% PBTC Na <sub>4</sub> -Salt, scale inhibitor, spray granulated, neutral form
<b>Polyasparagin acid and polysuccinimid</b>	
	<b>Lanxess Deutschland GmbH</b>
Baypure® DS 100/40%	Liquid, biologically degradable, scale inhibitor, dispersing agent
Baypure® DS 100 solid G	Granulate, biologically degradable
Baypure® DSP	Fine, insoluble powder for the production of „slow release“ products
<b>Iminodisuccinic acid</b>	
	<b>Lanxess Deutschland GmbH</b>
Baypure® CX 100/34%	Liquid, biologically degradable, scale inhibitor, alternative to NTA and EDTA
Baypure® CX 100 solid G	Granulate, biologically degradable, scale inhibitor, alternative to NTA and EDTA
<b>Emulsifying agents</b>	
	<b>Kurt Obermeier GmbH &amp; Co. KG</b>
Koralat® N 100	Fatty alcohol ethoxylate, non-ionic surfactant To be used as wash and cleaning agent, additive for the chemical industry
	<b>LEVACO Chemicals GmbH (former TANATEX)</b>
LUCRAMUL® DA 130 (former Tanemul KS)	Ethoxylated acid and oil, useful for self emulsifying systems
LUCRAMUL® DA 300 (former Tanemul WS)	Ethoxylated condensation product, for extremely hydrophilic materials
<b>Organic heat transfer media</b>	
	<b>Lanxess Deutschland GmbH / complete overview on request</b>
Diphyl®	Organic heat transfer media for high temperatures
	<b>Kurt Obermeier GmbH &amp; Co. KG</b>

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KORATHERM Organic heat transfer media for high temperatures

### Ion exchange resins and catalysts

**Lanxess Deutschland GmbH / complete overview on request**

Lewatit® Ion-exchange resins for water purification, in particular monodisperse types

### Activated carbon

**Aqua Air Adsorbens GmbH & Co. KG / complete overview on request**

Typ AQUA-AIR High performance adsorbent for water and air purification

### KORASILON Additive - Reduction of surface tension in aqueous solutions

**Kurt Obermeier GmbH & Co. KG**

PS 1 Particularly powerful and effective super spreader for highest requirements

PS 2 Powerful super spreader with a good price / performance ratio for high requirements

PS 3 Particularly good water solubility and improved hydrolysis resistance compared to PS 1 and PS 2

PS 4 Suitable for use in both solvent-based and aqueous formulations (self-emulsifying)

PS 5 Universally applicable to improve wetting in numerous applications and formulations

PS 6 Suitable for use in both solvent-based and aqueous formulations

PS 7 Particularly suitable for use in aqueous and alcoholic formulations

PS 8 Particularly suitable for use in aqueous and alcoholic formulations. Reduced active content for particularly easy incorporation and rapid distribution in the system

### Alkylphosphates

**Lanxess Deutschland GmbH**

Baysolvex® D2EHPA Liquid-liquid extracting agent

Levagard® TEP-Z Phosphoric acid triethyl ester, solves a lot of polar substances often poorly soluble in other solvents, flame-retardant properties

Disflamoll® TOF Tri-2-ethylhexyl-phosphate, low temperature and weather-resistant phosphate

Dibutylphosphoric acid Di-n-butylphosphate (DBP), release agent for PU application, as acid catalyst in chemical synthesis

### Miscellaneous

**Kurt Obermeier GmbH & Co. KG**

KORASILON® Silikonentferner Paste Works as chain destroyer on silicone adhesives, to simplify the removal of silicone rubber

KORASILON® Silikonentferner flüssig Works as chain destroyer on silicone adhesives, to simplify the removal of silicone rubber

KORASILON® Lösung RL 1 Wax free, detergent stable care additive (e.g. car care polishes) based on reactive polyorganosiloxanes

#### Explanation:

FDA = Food and Drug Administration in USA  
 BfR = Bundesinstitut für Risikobewertung (Regulation for food contact in Germany)  
 LMBG = Lebensmittelbedarfs-gesetz (food law requirements in Germany)  
 DetVO = EU-detergents regulation (environmental safety of wash and cleaning agents)

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