

## History

### The company - from 1984 to the present

2016

Successful attendance in Ökoprofit.



2011

On expansion areas of the site, in 2011 a new laboratory building was constructed.



2006

In 2006, the long-standing successful cooperation in the field of feed additives with the company Basic Supply was reinforced through the foundation of a joint venture. Since then, ProSupply has been a dependable partner for the marketing and application of this product group.



1992

In 1992, Carpetex Lederhilfsmittel GmbH was established and a larger office building was constructed.



1984

The original one-man enterprise Wall Chemie was founded in 1984 as a trading company by Erich Kawka in the outskirts 'Wall' in Kempen.



2012

The company Wall Chemie Brasil was established as a marketing organization for South America.



2007

As a further joint venture, for the development of international business, in 2007 Wall Chemie BV was established as a marketing organisation for the Benelux countries, France, Spain, Italy, Portugal and the United Kingdom.



1993

Increasing production volumes and increased security requirements necessitated modernization of the company's own track system for the delivery of ethylene oxide (EO). This was completed in 1993.



1987

Continued success allowed, after only three years, conversion to a production company through the acquisition of some parts of the former 'Elektrochemische Fabrik Kempen'.



## Sales contacts

### Germany

**WALL CHEMIE GmbH**  
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Germany  
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Fax: +49 (0) 2152 51 67 51  
info@wall-chemie.com  
www.wall-chemie.com

### Turkey

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Tel.: +90 (0) 216 314 39 36  
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### Benelux / France / Italy / UK

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### South America

**Wall Chemie Brasil Produtos Quimicos Ltd**  
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### UK / Ireland

**The White Sea & Baltic Co Ltd**  
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Tel.: +44 (0) 1132 590512  
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sales@whitesea.co.uk  
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### Feed and Food Industry Sales

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### Austria

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Fax: +43 (0) 2622 21 22 88  
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www.leimlehner.at

### Products for the Leather Technology Industry

#### Europe / Asia

**CARPETEX Lederhilfsmittel GmbH**  
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### Switzerland

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### Headquarters

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2017 – V1.0

# Surfactants & Emulsifiers



**WALL CHEMIE**

**Internationally active**  
**Individual & customized solutions**

Since its establishment in 1984, the company Wall Chemie GmbH has been a family run business.

Its broad portfolio combined with customized solutions enables Wall Chemie to offer surfactants and emulsifiers for all kinds of applications. Based on our wide range of products for the international market, we offer tailor-made and application-specific products in close cooperation with our customers.



**Key technology**

The raw materials for the manufacturing of our products are based on renewable and petrochemical resources.

The main focus of our production is the manufacture of non-ionic surfactants based on fatty alcohols, fatty acids, triglycerides and fatty amines.

A further significant part are anionic surfactants such as phosphoric acid esters and sulfosuccinates as well as fatty acid (alkanol) amides and fatty acid esters which makes up just as much a considerable part.

**Custom-made solutions**

Please contact us if you have questions or are looking for customized solutions. Our dedicated staff will be pleased to advise and support you during the entire process: from the development of your special products throughout the test phase up to the finished application.

Working with Wall Chemie is always beneficial.

**Companies associated with Wall Chemie**

Our subsidiaries and joint ventures are supporting and enabling a successful business around the world.

Carpetex Lederhilfsmittel, with its headquarters in Kempen, offers products and applications in the field of leather production for the European, Asian and South American market.

From its location in Novo Hamburgo, Wall Chemie Brasil provides the South American market with emulsifiers and surfactants for a variety of applications.

In Enschede (Netherlands) Wall Chemie BV acts as marketing organisation for among others Benelux, UK and France.

Wall Chemie BV also markets the entire product programme of the company Unger Fabrikker AS, from Norway.

For the marketing of our products as additives for animal feed and foodstuffs there is a joint venture with Prosuply BV in Aalden (Netherlands).

**Parts of our extensive product range**

**Nonionic surfactants**

**Fatty alcohol polyglycol ethers**

Walloxon EH 80/80	i-C <sub>8</sub> -Alcohol + 8 EO; 80%	liquid	Metal treatment agents
Walloxon ID 50	i-C <sub>10</sub> -Alcohol + 5 EO	liquid	Dispersing, wetting, washing and cleaning agents
Walloxon ID 70	i-C <sub>10</sub> -Alcohol + 7 EO	liquid	
Walloxon TR 60	i-C <sub>13</sub> -Alcohol + 6 EO	liquid	Oil soluble emulsifier, agricultural formulations
Walloxon TR 80/90	i-C <sub>13</sub> -Alcohol + 8 EO; 90%	liquid	Dispersing, wetting, washing agents, textile auxiliaries
Walloxon LM 70/90	C <sub>12-14</sub> -Alcohol + 7 EO; 90%	liquid	Dispersing, wetting, washing agents and detergents
Walloxon LM 120/90	C <sub>12-14</sub> -Alcohol + 12 EO, 90%	liquid	Emulsifiers for O/W-emulsions and polymerization reactions
Walloxon T 80	C <sub>16-18(sat.)</sub> -Alcohol + 8 EO	solid	Powdery washing agents and detergents
Walloxon SH 20 PF	C <sub>16-18(unsat.)</sub> -Alcohol + 2 EO	liquid	Emulsifiers for mineral oil, cooling lubricants, drilling and cutting oils
Walloxon SP 20 PF	C <sub>16-18(unsat.)</sub> -Alcohol + 2 EO	liquid	
Walloxon SP 50 PF	C <sub>16-18(unsat.)</sub> -Alcohol + 5 EO	liquid-pasty	
Walloxon SP 200 PF	C <sub>16-18(unsat.)</sub> -Alcohol + 20 EO	solid	
Merpoxen ST 250	C <sub>18-22</sub> -Alcohol + 25 EO	solid	Paints raw material

**Fatty acid polyglycol ethers**

Walloxon OFS 60	Fatty acid + 6 EO	liquid	Cooling lubricants, drilling and cutting oils
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**Castor oil polyglycol ethers**

Walloxon RO 110	Castor oil + 11 EO	liquid	Cooling lubricants, drilling and cutting oils
Walloxon RO 180 G	Castor oil + 18 EO	liquid	
Walloxon HRO 160	Hydrogenated castor oil + 16 EO	liquid	Emulsifier and solubilizer
Merpoxen HRO 400/90 PG	Hydrogenated castor oil + 40 EO 90%	liquid	

**Polysorbates**

Merpoxen SML 200	Polysorbate 20	liquid	Cosmetics
Merpoxen SMS 200	Polysorbate 60	solid	
Merpoxen SMO 200	Polysorbate 80	liquid	

**Anionic surfactants**

**Sulfosuccinates**

Wallasol L 29	C <sub>12-16</sub> -Alcohol polyglycol ether sulfosuccinate, Na-salt	liquid	Shampoos, foam bath
Wallasol DIO 60 PG	Diisooctyl sulfosuccinate, Na-salt, propylene glycol	liquid	Rapid wetters for leather, paper and textile auxiliaries
Wallasol DIO 70	Diisooctyl sulfosuccinate, Na-salt, ethanol	liquid	

**Phosphoric acid esters**

Walliphos EHDP 30 Na 85%	i-C <sub>8</sub> -Alcohol polyglycol ether phosphoric acid ester, neutralized	liquid	Wetting agent, coemulsifier for polymerization reactions
Walliphos IDP 80	i-C <sub>10</sub> -Alcohol polyglycol ether phosphoric acid ester	liquid	Wetting agent for agricultural products
Walliphos TRDP 60	i-C <sub>13</sub> -Alcohol polyglycol ether phosphoric acid ester	liquid	Wetting agent, coemulsifier for polymerization reactions

**Cationic surfactants**

**Fatty amine polyglycol ethers**

Walloxon KA 50	Coco amine + 5 EO	liquid	Mould release agents
Walloxon OA 100	Oleyl amine + 10 EO	liquid	Acid cleaners, textile auxiliaries
Walloxon STA 150	Stearyl amine + 15 EO	liquid	Textile auxiliaries, adhesives
Walloxon TA 200	Tallow amine + 20 EO	liquid	Textile auxiliaries

**Other products**

**Fatty acid alkanol amides**

Wallamid KD 11	Coconut fatty acid diethanol amide	liquid	Shampoo, foam bath, rim blocks,
Wallamid OD/E	Oleic fatty acid diethanol amide	liquid	car cleaning/care products

**Humectant**

Merpimul 41210	PEG-7 glyceryl cocoate	liquid	Cosmetics
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