



## **PRODUCT OVERVIEW**

## **WASTE WATER TREATMENT**

C.H. Erbslöh KG  
Düsseldorfer Straße 103  
47809 Krefeld  
Telephone 0 2151 / 525 00  
Fax 0 2151 / 525 106  
[www.cherbsloeh.com](http://www.cherbsloeh.com)

**... we clarify it !**



## Who we are?

- Distributor for specialty chemicals and minerals. Privately owned company by Carl Hugo Erbslöh (in 4. / 5. generation)
- Founded 1876
- Since 1992 in Krefeld
- 85 employees in Germany, 140 employees in Europe
- Ca. 48.7 Mio. € Sales in Germany, ca. 65 Mio. € sales in Europe
- Market oriented organisation:

*lubrication / paints / coating / building industry / adhesives / ceramics / rubber / plastics / electronic industry / industrial cleaning / waste water treatment / cosmetics / pharmacy / food / detergents*

## Covering Europe:

- Subsidiaries in Europe:

*Germany / Poland / Lithuania / Switzerland / Austria / Benelux / Scandinavia / Russia / Hungary*

- Member of the LEL-Group:

*Lavollée Chimie, France / C. H. Erbslöh / Lake, GB / Urai, Italy / Zeus, Spain, Portugal / Kemiropa, Turkey*

International partnership with technically oriented sales organisation.

## Certifications:

DIN EN ISO-9001:2000

We take part in ESAD and Responsible Care Program

## Your benefits – our strengths:

- Technical service and advice considering systems and applications.
- We offer a wide product range for YOUR applications – all in one go – reliable and fast!
- Supply in small quantities - depending on YOUR needs and product.
- Tall manufacturing
- Customer tailored synthesis

## Your Contacts for Wastewater Treatment:

### Manager SBU WE Europe:

Peter Storz      Tel: +49 7363 920802      Mobile: +49 172 5171971      pstorz@che-kg.de

### Account Manager Germany:

Günter Nowak      Tel: +49 7195 950105      Mobile: +49 172 2105347      gnowak@che-kg.de  
*Product Manager*  
Michael Kück      Tel: +49 2151 525263      Mobile: +49 173 5135385      mkueck@che-kg.de  
Joachim Wunsch      Tel: +49 2373 66635      Mobile: +49 172 5171957      jwunsch@che-kg.de

### Sales Service Germany:

Lina Albrecht      Tel: +49 2151 525267      lalbrecht@che-kg.de  
Linda Kahlen      Tel: +49 2151 525264      lkahlen@che-kg.de  
Monika Leyers      Tel: +49 2151 525266      mleyers@che-kg.de

### Laboratory Wastewater Treatment:

Michael Kück      Tel: +49 2151 525263      Mobile: +49 173 5135385      mkueck@che-kg.de

### Account Manager Austria / Switzerland:

Mario Saiger      Tel.: +43 6245 7149311      Mobile.:+43 664 165 6682      MSaiger@erbsloeh.ch  
Tel.: +41 433005522

### Sales Service Austria / Switzerland:

Andrea Angerer      Tel: +43 6245 7149313      AAngerer@erbsloeh.at  
Tiziana Rugieri      Tel: +41 43 3005520      TRugieri@erbsloeh.ch

### Account Manager Poland:

Arkadiusz Walkiewicz      Tel.: +48 228991944

### Account Manager Benelux:

Chris Pint      Tel.: +32 23610265

### Account Manager Austria

Mario Saiger      Tel.: +43 6245 7149311

### Account Manager Russia:

Andrew      Tel.: +74 956498813  
Syurakshin

### Account Manager Switzerland:

Mario Saiger      Tel.: +41 433005522

### Account Manager Hungary:

office      Tel.: +36 14644817

### Account Manager Baltic:

Donatas Kalvaitis      Tel.: +37 037333805

### Account Manager Scandinavia:

Søren Sneholt      Tel.: +45 39292778

## Overview:

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## OUR PRODUCTS FOR WASTE WATER TREATMENT

### **Secused®**

#### **Flocculants, Polyacrylates, anionic or cationic based. Powder or emulsion.**

Secused® A 85 P	Anionic All-rounder. Powder
Secused® A 44 F	Anionic All-rounder. Emulsion
Secused® K 75 P	Cationic All-rounder. Powder
Secused® K 80 F	Cationic All-rounder. Emulsion
Secused® N 176 P	Nonionic All-rounder. Powder
Secused® N 103 F	Nonionic All-rounder. Emulsion <i>Other products for special applications on request</i>

### **Neosorb®**

#### **Flocculants mineral based**

Neosorb® F-52	Universal starter product for industrial wastewaters.
Neosorb® FT-52	Special alternative for reduction of complex bounded heavy metals (good against Cu!).
Neosorb® GS-AN	Product for high deposition industrial wastewaters (eloxal, electro plating, slide grinding, recycling!).
Neosorb® VAN	Special product (among other things. reduction of chromate containing in wastewaters!).
Neosorb® MEX-L	Special product for complex bounded electronic plating wastewaters (good against Ni, Zn!).
Neosorb® DEI	All-rounder for all industrial wastewaters with high solid content / for reduction of COD / AOX / CHC.
Neosorb® DEI-N	Product for low deposition wastewaters (sludge not sticky, high solid content!).
Neosorb® KUF	Classical product for electronic plating wastewaters and precipitation of not complex bounded heavy metals (low salt content!).
Neosorb® KUF-SF	Special product with short reaction time and high adsorption (low salt content!).
Neosorb® KUF-G	Special high active granulated powder (reduction of dust deployment, fast release, strong against grease, oil, etc.).

Neosorb <sup>®</sup> EMU-V	Special product for clarifying resist wastewaters of the printed circuit board industry. Splitting of solid oil-water emulsions. Effective in removing of organic colorants und surfactant.
Neosorb <sup>®</sup> EMU-SP	Highly effective All-rounder with short reaction times and excellent sedimentation speed
Neosorb <sup>®</sup> EMU-SPC	Special product for reduction of complex bounded heavy metals (strong against Zn/Ni!) and for wastewaters with high CSB.
Neosorb <sup>®</sup> EMU-S	High performance splitting agent for dispersions (among other things from the construction chemistry!). Even applicative for highly concentrated defatting- and cleaning wastewaters of the electronic plating industry.
Neosorb <sup>®</sup> EMU-B1	Special product for splitting stable oil-in-water emulsions with high adsorption.
Neosorb <sup>®</sup> EMU-B6	Highly effective universal splitting product for emulsions and dispersions for wastewaters of all industrial branches.
Neosorb <sup>®</sup> C5	New high effective all-rounder, special for the electronic plating industry and the metal industry.

### **Novofloc<sup>®</sup>**

#### **Primary Flocculants, emulsion division**

Novofloc <sup>®</sup> 48	Inorganic all-rounder for contaminated wastewater (defatting, emulsions, tensids, etc.).
Novofloc <sup>®</sup> 59	Inorganic special product for assistance at heavy metal precipitation and flocculation (even applicative for Plexon <sup>®</sup> -overspill withdrawal!).
Novofloc <sup>®</sup> 124	Universal applicable adsorption agent on herbal base. Splitting and flocculating of weak dispersions and emulsions.
Novofloc <sup>®</sup> FEX 5	Special product for the removal of discolorations and precipitation of contaminants.

**Plexon®-Series**  
**precipitation of heavy metals based on dimethyl dithiocarbamate**

Plexon® 1105	Standard product
Plexon® 1105P	Standard product (powder)
Plexon® 2210	All-rounder against strong complex builder, smellmodificatet.
Plexon® 3315	Product for special applications. (among other things Zn-/Ni-Wastewater, PCB-Wastewater etc.)
Plexon® 6630	Product for special applications, smellmodificatet. (among other things Zn-Composition-Wastewater etc.).

**CHE®-MEX-Series**  
**precipitation of heavy metals based on organosulphide or inorganic cross-linked sulphides**

CHE®-MEX-TMT	Standard product for power plants and refuse destruction etc.
CHE®-MEX-PSD	Neutral smell and eco-friendly alternative to Na <sub>2</sub> S.
CHE®-MEX-OECO1	All-rounder, precipitates even elemental metals; eco-friendly, Water hardness class 1.
CHE®-MEX-OECO2	Special product for the battery industry (Ni/Cd), WPC 1

**CHE®-COAT-DF and other defoamers**

CHE®-COAT-DF 581B	Foam destroyer, mixture of light mineral oil and not-ionic surfactants. APEO-free, silicon free
CHE®-COAT-DF 691	Mixture of mineral oil and non-ionic surfactant. APEO- and silicon free.
FoamFree 940®	Defoamer based on non-ionic surfactants, silicone free, mineral oil free, electronic plating bath qualified
Silcolapse® RG 12 (Former: Rhodorsil®)	Non ionic 10% emulsion, based on Dimethylpolysiloxanoil, applicable for organic wastewater treatment, pulp industry, agro industry, distillation/extraction.
Silcolapse® RG 22 (Former: Rhodorsil®)	20% silicon based emulsion, applicable for aqueous and alcoholic systems, develops for biological waste water treatment, Foam suppression in digestion towers, pulp and paper industry.
Silcolapse® 140 (Former: Rhodorsil®)	Non-ionic aqueous emulsion based on Dimethylpolysiloxane, (30 %), applicable for biological wastewater treatment, digestion towers and extraction/distillation.



Silcolapse® 1824 (Former: Rhodorsil®)	Non-ionic aqueous emulsion based on silicone, 30%, applicable for biological wastewater treatment, pulp and paper industry. extraction/distillation
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**Other Products**

CHE® Liquisorb	Series of high effective fluid adsorption agents for reduction of COD / AOX / CHC, removal of surfactants and detached colours, inbounding of finishes.
CHE® Novocrack	Series of organic-synthetic emulsion splitting agents with short reaction times, without increasing sludge quantity!
Granucol® WS	Pelletized activated carbon. „Water soluble“. Bath preparation, reduces PFOS / PFT in wastewaters
Ikomont B	Activated bentonit, adsorbent agent.
Glokill® PQ	Polymer Quad. Bloc nitrification processes, kills Bacteria. Support of chlorination. Can be used also in swimming pools and cooling water.

Certainly our team, consisting of skilled waste water engineers, will help you to find the product which is fitting best in your application. We will work out individual concepts for waste water treatment (on the spot support or at our lab) to solve your waste water problem.

If you like to solve your wastewater problems on your own, we would be pleased to send you a selection of our products for laboratory tests.



## Adresses C. H. Erbslöh in Europe:

### *Head Quarter:*

C. H. Erbslöh KG  
Düsseldorfer Str. 103  
D-47809 Krefeld

Tel: + 49 2151 52500  
Fax: + 49 2151 525106  
www.che-chemicals.com

### *Belgium:*

C.H. Erbslöh Benelux N.V.  
p/a Marteyn & Keymeulen  
B-1082 Sint-Agata-Berchem

Tel.: +32 23610265  
Fax: +32 23610265  
www.che-chemicals.com

### *Poland:*

C. H. Erbslöh Polska Sp.z.oo.  
Ul. Fabiarska 69  
PL-02-862 Warszawa

Tel.: +48 22 899 1944  
Fax: +48 22 899 1947  
www.che-chemicals.com

### *Austria:*

C. H. Erbslöh GmbH  
Am Ausfergenufer 4  
A-5400 Hallein

Tel.: +43 6245 7149310  
Fax: +43 6245 7149340  
www.che-chemicals.com

### *Hungary:*

C.H. Erbslöh Hungaria kft  
Orczy út 6.  
H-1089 Budapest

Tel.: +36 1464 4817  
Fax: +36 16464991  
www.che-chemicals.com

### *Scandinavia:*

C.H. Erbslöh Bionord ApS  
Solundsvej 2  
DK-2100 Copenhagen

Tel.: +46 4032 0532  
Fax: +46 3929 2778  
www.che-chemicals.com

### *Baltic: (Lithuania):*

C.H. Erbslöh Baltic Ltd.  
J.Zemgulio 25  
Kaunas LT 50247

Tel.: +3703 7333 805  
Fax: +3703 7333 736  
www.che-chemicals.com

### *Netherlands:*

C. H. Erbslöh Benelux B.V.  
Noorderpoort 73  
NL 5916 PJ Venlo

Tel.: +31 77 3524 636  
Fax: +31 77 3514 017  
www.che-chemicals.com

### *Switzerland:*

C. H. Erbslöh Switzerland Ltd.  
Rötelstrasse 28  
CH-8006 Zürich

Tel.: +41 3005 522  
Fax: +41 3005 533  
www.che-chemicals.com

## Adresses LEL-Group:

Lake Chemicals & Minerals LTD  
Imex Business Centre  
Oxleasow Road,  
East Moons Moat, Redditch  
Worcestershire, B98 0RE  
Great Britain

Tel: + 44 1527 830458  
Fax: + 44 1527 830460  
www.lakecm.co.uk

C. H. Erbslöh K.G.  
Düsseldorfer Str. 103  
D-47809 Krefeld  
Germany

Tel: + 49 2151 52500  
Fax: + 49 2151 525200  
www.che-chemicals.com

Lavollée Chimie S.A.  
9, Rue Louis Rouquier  
F-92300 Levallois  
France

Tel: + 33 1 46 39 88 65  
Fax: + 33 1 46 39 09 58  
www.lavollee-chimie.com

URAI S.p.A.  
Milanofiori Palazzo E2  
20090 Assago (Milano)  
Italy

Tel: + 39 02 8923991  
Fax: + 39 02 8258020  
www.urai.it

Zeus Química S.A.  
Santalo 152 - 154  
08021 Barcelona  
Spain

Tel: +34 93 240 2222  
Fax: + 34 93 240 2223  
www.zeusquimica.com

Kemiropa Ltd. STI  
Haydar Aliyev Cad. No: 202/3  
34457 Tarabya-Istanbul  
Turkey

Phone +90 212 299 21 21  
Fax +90 212 299 94 75  
www.kemiropa.com.tr



**Member of**



**- Group**