

# Delivery range



Products marked with (\*) can be delivered in technically and chemically purity or in different groceries.

If a product in our delivery range is not listed, please ask our sales department.

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A.+E. Fischer-Chemie GmbH & Co KG - Storchenallee 49 – 65201 Wiesbaden  
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# Solids

## **A**CEMATT®

AEROSIL®

AEROXIDE®

Aluminium sulfate

Ammonium acetate\*

Ammonium bicarbonate\*

Ammonium bifluoride

Ammonium carbonate

Ammonium chloride\*

Ammonium nitrate

Ammonium oxalate

Ammoniumpersulfate

Ammonium sulfate

Ascorbic acid\* (Vitamine C)

**B**enzoic acid\* (powder)

BORAX (powder, granulate)

**C**alcium carbonate\*

Calcium chloride\* (flakes, granulate)

Calcium hypochlorite (granulate 65 - 75%)

Charcoal activated

Chromic acid (powder, granulate)

Citric acid monohydrate

**D**iammonium phosphate techn. pure

Dicalcium phosphate

Disodium phosphate

**I**ron-(II)- sulfate

**M**agnesium carbonate\*

Magnesium chloride\*

Magnesium nitrate

Magnesium oxide

Magnesium sulfate\*

Matting agents

Mono ammonium phosphate

Mono calcium phosphate

Mono potassium phosphate

Mono sodium phosphate

**N**ickel chloride

Nickel sulfate

**O**xalic Acid

**P**otassium tetrafluoroborate

**S**alts

SIPERNAT®

Sodium acetate 3-hydrate

Sodium aluminate (53 / 55 %)

Sodium benzoate

Sodium bicarbonate

Sodium bisulphate (Sodium hydrogensulfate)

Sodium bisulfite

Sodium bromate

Sodium carbonate

Sodium chlorate techn.

Sodium chloride\*

Sodium dichlorisocyanurat

Sodium dichromate

Sodium dithionite

Sodium fluoride

Sodium formiate

Sodium gluconate

Sodium hexametaphosphate

Sodium hydroxide (flakes and micropellets)

Sodium sulfite (cryst.u.water-free)

Sodium nitrate\*

Sodium nitrite

Sodium perborate (tetra-and monohydrate)

Sodium percarbonate

Sodium persulfate

Sodium selenite

Sodium sulphate

Sodium sulfide

Sodium sulphite

Sodium thiosulfate

Sodium tripolyphosphate

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# Solids

## Phosphates

Polyethylene glycole (PEG)  
Potassium aluminium sulphate  
Potassium bicarbonate  
Potassium carbonate  
Potassium chloride  
Potassium cyanide  
Potassium dichromate  
Potassium hydroxide  
Potassium iodide  
Potassium iodate  
Potassium nitrate  
Potassium permanganate  
Potassium persulfate  
Potassium sulfate  
Potassium carbonate (Caustic potash)  
Precipitated silica  
Pyrogenic silica

## Regeneration salt

## Sipernat

Soda ash light and dense  
Sulfur flakes 60-62%  
Sulphamic Acid

## Talcum pharma S

Tetrapotassiumpyro phosphate  
Tetrasodiumpyro phosphate  
Titandioxide (Rutile, Anatas)  
Tricalcium phosphate  
Tripotassium phosphate  
Trisodiumphosphate  
Trisodiumphosphate (flakes,powder)  
Tartaric acid\*

## Urea

## Zeolithe

Zinc chloride  
Zinc oxide pure  
Zinc sulfate (Mono and heptahydrate)

# Gases, Glues, Salts and Caustic solutions

**A**ctic acid techn.pure 60% \*  
Acid mixtures  
Ammonia solution

**U**rea Solution

**C**arbonic acid/ethylene oxide  
Chlorine gas  
Citric acid solution 50%

**E**thylene oxide

**F**ormic acid  
Formaldehyde solution 37%

**G**ases  
Glues (**Henkel** – Aghesin + Sichello)

**H**ydrochloric acid  
Hydrofluoric acid 41/45%  
Hydrofluoric acid 58/60%  
Hydrofluoric acid 71/75%  
Hexafluorsilicic acid

**I**ron-(III)-chloride solution 40 %

**L**actic acid  
Lime milk 20 % and 40%

**N**itric acid 53%\*

**P**eracetic acid  
Phosphoric acid\*  
Potassium Hydroxide solution

**R**egeneration salt

**S**odium aluminate liquid  
Sodium bisulphite solution 38-40 %  
Sodium hydroxide solution 45%  
Sodium hydroxide solution 50%  
Sodium hypochlorite solution 12-14%  
Sulfuric Acid

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# Solvents

## Alcohols

Benzylalkohol  
Ethanol denatured  
Glycerine 85 % (Ph.Eur.)  
Glycerine 99,5 % (Ph.Eur.)  
Isobutanole  
Isopropanol, Isopropylalkohol (IPA)  
Methanol rein  
n-Butanol  
n-Propanol  
Sec.-Butanol (Isobutanol)

## Aliphatic Hydrocarbons

Heptane  
Hexane  
Isohexane  
n-Pentane  
Petroleum  
Solvent naphta 40 / 65  
Solvent naphta 60 / 95  
Solvent naphta 80 / 110  
Solvent naphta 100 / 140  
Solvent naphta 140 / 165  
White Spirit 21  
White Spirit 30  
White Spirit 60

## Amines

Monoethanolamine (MEA)  
Diethanolamine (DEA)  
Diethylentriamin (DETA)  
Monoethanolamin (MEA)  
Triethanolamine 85 / 98 % (TEA)

## Aromatic Hydrocarbons

Toluol  
Xylol

## Chlorined Hydrocarbons

Methylenchloride (Dichlormethane)  
Trichlorethylene

## Desaromatified Hydrocarbons

SHELLSOL D 25 (Petrol)  
SHELLSOL D 40 (Petrol)  
SHELLSOL D 60 (Petrol)  
SHELLSOL D 70 (Petrol)  
SHELLSOL D 100 (Petrol)

## Esters

Butyldiglycolacetate  
Butylglycolacetate  
Ethylacetate 98/100%  
Ethoxypropylacetate (EPA)  
Ethylglycolacetate (EGA)  
Isobutylacetate 85%  
Methoxypropylacetate (MPA)  
Methylglykolacetate (MAG)  
Methylpropylacetate (MPA)  
n-Butylacetate 85%, 98-100 %

## Glycoles / Glycolethers

Butyldiglycole (BDG)  
Butylglykole (BG)  
Diethylenglycole (DEG)  
Dipropylenglycole (DPG)  
Ethoxypropanole (EP)  
Ethyldiglycole (EDG)  
Ethylglycole (EG)  
Hexylene glycole  
Methyldiglycole (MDG)  
Monoethyleneglycole (MEG)  
Polyethyleneglycole (E200 – E20000)  
Polypropyleneglycole (P400 – P4000)  
Propyleneglykolmonomethylether  
1.2-Propylenglycole

## Isoparaffine

Shellsol T

# Solvents

## Ketone

Acetone (chemically pure)  
Methylethylketone (MEK)  
Methylisobutylketone (MIBK)

## Miscellaneous

Antifreeze  
Polyethyleneglykole  
Solvent mixtures  
Special softener on request

## Softeners

Di-(2-ethylhexyl)-adipat (DEHA, DOA)  
Di-(2-ethylhexyl)-phthalat (DEHP, DOP)  
Di-iso-butylphthalat (DIBP)  
Diisononylphthalat (DINP)  
Di-(2-ethylhexyl)-sebacat (DOS)

# Special chemicals

## Activated charcoal

Alcarbon	Special applications
Carbopal	Food and beverage
Contrabon	Catalysis
Desomix/Kombisorb	Gas purification
Epibon	Percolation
Hydraffin/Filtrilur/Filtriplus	Chemicals for water treatment
Oxorbon/Desorex	Air and gas cleaning
Supersorbon	Solvent recuperation

## Industrial cleaning agents

DE.SOLV.IT	High speed cleaning agent on natural basis
Ecolab products	Cleaning in the foodstuffs sector
Henkel products	Surface treatment in metal chemistry

## Pyrogenic Silicium dioxide AEROSIL®

Hydrophilic and hydrophobic AEROSIL®-Types

### Areas of application:

Colors and lacquers  
Plastics and adhesives  
Printing inks  
Adhesives

### Matting agents

On basis of precipitated and pyrogenic silicas, we offer different types of matting agents:

ACEMATT® HK-Types  
ACEMATT® OK-Types

### Areas of application:

Paint and lacquers	Furniture and foil lacquers
High solvent lacquers	Coil-Coating
Powder coatings	Emulsion paints
Water lacquers	
Corrosion protection colors	

## Precipitated silicas (SIPERNAT®)

Hydrophilic and hydrophobic precipitated silicas for the production, influence and optimization of the in the following areas of application:

- Thickener in liquids
- Anticaking agent in powders

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- Filler for rubber and polymers
- Anti-settling in liquid systems
- Production of mineral oil and silicone antifoaming agents
- Antiblocking in PVC

### Cooling and heat transfer liquids

Beside our cooling and heat transfer liquids we offer the following services to you:

- Free laboratory test of your cooling brine
- Consultation and technical information locally
- Test box for the independent examination of your cooling brine

### Silicone products

Silicone oils in different viscosities

Silicone oil emulsions

Silicone additives (defoamers, hydrophobic treatment means, process aids)

Silicone resins

### Synthetic zeolites

Zeolith powder 4A

Zeolith - Compound 1 corresponds to the Wessalith CS (former Degussa)

Zeolith - Compound 2 corresponds to the Wessalith CD (former Degussa)

### Areas of application:

Detergent:	cleaning agent additive, elimination of the water hardness, soiling rising up ability, support for liquid detergents
PVC stabilizers:	neutralization of free hydrochloric acid, absorption of other stabilizer components
Building industry:	in dark finery systems, colors and mortar systems cement for the prevention of white CaCO <sub>3</sub>
Paper industry:	filler, adsorption of impurities
Textile industry:	textile aid
Dental industry:	tooth impressive masses, tooth pastes (abrasive effect)

### Titane dioxide

Pigments anatas

Pigments rutile

Pyrogenic Titanium dioxide AEROXIDE® TiO<sub>2</sub> P25

### Areas of application:

Building coating materials	Industrial lacquers
Cosmetic	Paper
Fibers	Heat stabilizer for silicones
Food	Plastics
Glass-,email-,ceramic products	Printing inks

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# Chemicals for water treatment

## Disinfection and oxidizing agent

Calcium hypochlorite  
Chlorine liquid  
HTH chlorine granulate + tablets  
Hydrogen peroxide  
Organic chlorine products  
Potassium permanganate  
Sodium hypochlorite solution

## Filter agents

Akdolit  
Activated carbon (powder-, form- und grain)  
Hydroanthrasite  
Kieselgur  
Magnodol  
Crystal filter sand and gravel (all granulations)  
Marble gravel

## Flocculation means

### Primary flocculation means:

Aluminium sulfate  
Aluminium chlorite  
Iron (II) sulfate  
Polyaluminium chloride

### Flocculant helping agent:

Anionic polyelectrolyte  
Cationic polyelectrolyte  
Non-ionic polyelectrolyte

## Ion exchanger resins

Lewatit  
Amberlite

## Cleaner

Alkaline cleaners  
Disinfection cleaners  
Neutral cleaners  
Acidic cleaners  
Foil cleaners  
High-grade steel cleaners

## pH value attitude

Sodium hydrogen carbonate  
Sodium hydrogen sulfate  
Caustic soda solution  
pH plus (solid + liquid)  
pH-minus (solid + liquid)  
Hydrochloric acid  
Soda calc.  
Sulfuric acid 38%

## Water treatment

Lime  
Lime milk  
Hydrazine hydrate (Levoxin 15)  
Polyphosphate  
Phosphate

## Water testing

Measuring instruments  
Test reagents  
Test-Kits

## Special applications

Defoamer  
TMT 15 (Heavy metal precipitation)  
Salts  
Sodium dithionite  
Sodium bisulphate (perls)

## Swimming pool accessory

Cleaning equipments  
Thermometer  
Delphin swimming pool product range

## Cooling and heat transfer liquids

ANTIFROGEN  
GLYKOSOL  
PEKASOL

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