

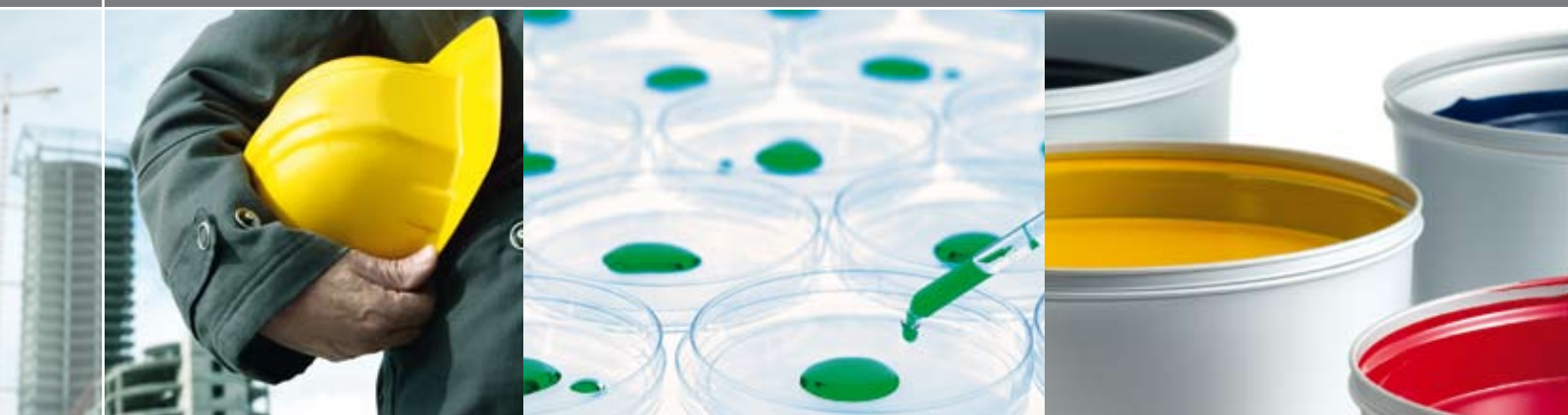


**Product Range**  
**Industry – Health Care & Food – Feed**  
For Each Application the Right Solution



*The Authority in Potassium and Magnesium*

# Premium Raw Materials for Industrial Applications



K+S KALI GmbH offers an extensive range of products of high-grade potassium and magnesium salts for industrial applications. Our products are available in several grades of purity and special particle size distributions. State-of-the-art process steering and comprehensive quality management guarantee compliance with strict industrial standards. Our products are therefore an important contribution to Quality Assurance throughout industrial processing and in the resulting end products.

Special potassium and magnesium compounds are indispensable raw and auxiliary materials throughout many industrial processes – such as the production of plastics or detergents.

Our products are also used in biotechnology, electrolysis, oil drilling, dust binding, zeolite production, electroplating and many other areas of application.

Productgroup	Product
<b>Epsom Salt</b>	Epsom Salt pure, technical Epsom Salt pure, technical, fine crystalline
<b>Potassium Sulphate</b>	Potassium Sulphate approx. 93% $K_2SO_4$ Potassium Sulphate approx. 95% $K_2SO_4$ Potassium Sulphate approx. 97% $K_2SO_4$ Potassium Sulphate 99,6% $K_2SO_4$ technically pure Potassium Sulphate `Special fine`
<b>Potassium Chloride</b>	Potassium Chloride approx. 96% KCl Potassium Chloride approx. 97% KCl Potassium Chloride approx. 99% KCl Potassium Chloride 99,3% KCl technically pure
<b>Magnesium Chloride</b>	MAXXsolute™/Magnesium Chloride-Solution 20%, 25%, 30%, 33% $MgCl_2$
<b>Magnesium Sulphate</b>	Magnesium Sulphate Anhydrous

## Highly Purified Salts for Health and Wellbeing



With its high-purity potassium and magnesium salts, K+S KALI GmbH provides a product portfolio for the high expectations of the pharmaceutical, cosmetic and food industry. State-of-the-art process steering and comprehensive quality management throughout the entire process chain ensure compliance with the strict regulations in pharmacopoeia and industrial as well as international standards.

Our products are used for the manufacture of food, pharmaceuticals, cosmetics and in biotechnology.

Productgroup	Product
<b>Epsom Salt</b>	Epsom Salt chemically pure, FCC Epsom Salt Ph. Eur., USP
<b>Potassium Sulphate</b>	Potassium Sulphate 99,9% $K_2SO_4$ Ph. Eur., DAC, FCC, E 515
<b>Potassium Chloride</b>	Potassium Chloride FCC, FAO, WHO, E 508 Potassium Chloride 99,9% KCl Ph. Eur., USP

Feed

## KaSa<sup>®</sup> - Natural Mineral Salts for Healthy Animals



Under the brand name of KaSa<sup>®</sup> we offer high-grade potassium chloride and magnesium sulphates as feed materials. All products meet the requirements listed in the European basic regulation on Food and Feedingstuff Safety. Beyond that, all products have been certified as main feed material in accordance with QS and GMP+ and have been approved for animal husbandry within organic agriculture in compliance with EC-Eco-Regulation.

The certified KaSa<sup>®</sup>-products are perfectly suited for feeding a great variety of farm and domestic animals.

Productgroup	Product
KaSa <sup>®</sup>	KaSa K99 <sup>®</sup> , approx. 99% KCl
	KaSa Mag49 <sup>®</sup> , approx. 49% MgSO <sub>4</sub>
	KaSa Mag98 <sup>®</sup> , approx. 98% MgSO <sub>4</sub>

Industry – Health Care & Food – Feed

# K+S KALI GmbH

## The Authority in Potassium and Magnesium



K+S KALI GmbH is one of the world's leading potassium mining companies. Our strengths lie in the mining and processing of an assortment of raw salts, particularly magnesium-containing salts, in an efficient, environmentally conscious manner whilst using unique technology. As a provider of speciality and mainstream fertilisers, as well as products for industrial applications, we are present in many spheres of life.

K+S KALI GmbH produces a wide range of the highest grade potassium and magnesium products for industrial applications, for Health Care & Food as well as for animal feed stuffs. Our products are available in various levels of purity and specific granulations.

State-of-the-art-processes and a fully encompassing quality management system throughout the entire process chain ensure the compliance required to satisfy pharmacopoeia and industrial standards. Our premium products therefore contribute to the safety of the entire process chain, from industrial processing to the final product.

K+S KALI GmbH is well-positioned internationally. A global network of regional offices and contacts guarantees customer-proximity.

With our sophisticated supply chain management we ensure supply security wherever our customers are in the world. Therefore we are always the reliable partner.

## Sales Europe

### CZECH REPUBLIC/SLOVAKIA

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### GREECE

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### THE NETHERLANDS/BELGIUM/ LUXEMBOURG

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## Sales Overseas

### BRAZIL

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ksbrasileira@ksbrasileira.com.br

### CHINA

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### K+S KALI GmbH

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# Applications

## Industrial Products

Biotechnology, **Electrolysis**, Oil drilling, **Electroplating**, Production of ABS/EPS plastics, **Production of construction materials**, Production of paints and pigments, **Production of Refractories**, Production of potassium peroxodisulphate, **Leather production**, Production of titanium dioxide, **Rayon production**, Detergent production, **Cellulose Production**, Zeolite Production, **Industrial applications**, Saltbath brazing, **Metallurgy**, Dust Binding, **Production of Drying Agents**, Water treatment, **Water softening**, Winter road clearance, ...

*more information: [www.kali-gmbh.com/industrial\\_products](http://www.kali-gmbh.com/industrial_products)*

## Health Care & Food

Foodstuff Production, **Carrageenan Production**, Production of Low-sodium Foods, **Pharmaceutical Production**, Biotechnology, **Cosmetics Production**, ...

*more information: [www.kali-gmbh.com/healthcare\\_food](http://www.kali-gmbh.com/healthcare_food)*

## Feed

Feed materials in compound feed industry, for use as feed stuff for farm and domestic animals, ...

*more information: [www.kali-gmbh.com/feed](http://www.kali-gmbh.com/feed)*

We will gladly send you further information or product samples for your specific application area. Or visit us on our website [www.kali-gmbh.com](http://www.kali-gmbh.com)

We look forward to hearing from you. *See fax form backside*

**Fax form to: 00 49 - (0)5 61 - 93 01-25 73**

We will gladly send you further information or product samples for your specific application area. Or visit us on our website [www.kali-gmbh.com](http://www.kali-gmbh.com)

We look forward to hearing from you.

**Please send me further information on:**

- Industry**
- Health Care & Food**
- Feed**
- Please send me detailed information and **product samples** for following products:

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**Return address:**

Company \_\_\_\_\_ Company stamp  
Name, first name \_\_\_\_\_  
Function \_\_\_\_\_  
Street, Number \_\_\_\_\_  
Postal Code, City \_\_\_\_\_  
Country \_\_\_\_\_  
Telefon, Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

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