



HEALTH CARE & NUTRITION

The Products of K+S KALI for the
Pharmaceutical-, Food- and Feed-Industry



Your partner worldwide – K+S KALI

The Authority in Potassium and Magnesium

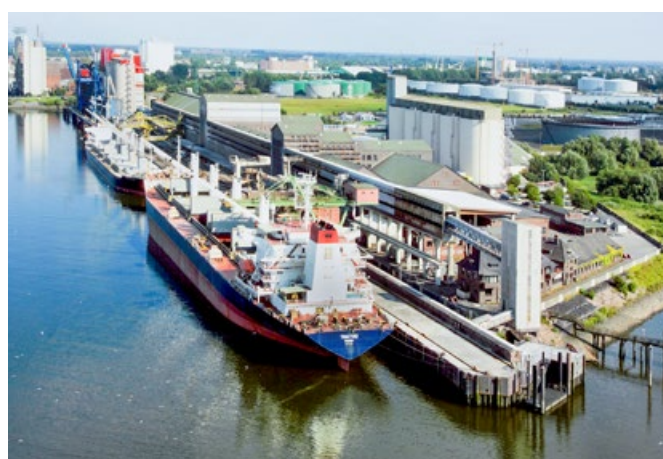
K+S KALI is one of the world's leading potassium mining companies. Efficient, environmentally conscious and state-of-the-art – our strengths lie in the extraction and refining of heterogeneous crude salts. As a provider of specialised and standard fertilisers, as well as products for use in the industrial and in the health care & nutrition sector, we are present in many spheres of life.

State-of-the-art is our tradition

More than 150 years of experience, the expertise of our excellent teams and our exceptionally high quality standards go into each one of our products. Made in Germany: We extract our potassium salts at our own mines in Germany. Our production facilities are state-of-the-art, and of course comply with the most stringent safety and environmental standards. We continuously invest in research in order to develop even more efficient and sustainable processes.

Worldwide Customer Proximity

K+S KALI is well-positioned internationally. Thanks to our global distribution network we guarantee customer proximity everywhere in the world. You can rely on us and on our products: we deliver our high-purity products on time, every time – worldwide.



High-purity potassium salts for the pharmaceutical industry

All over the world, pharmaceutical companies trust in the quality and safety of potassium salts produced by K+S KALI, with good reason: The properties and purity of our products comply with the strict requirements of international pharmacopoeias. Consistent implementation of these international standards is continuously verified and certified by the competent authorities – all the way from production plants and manufacturing to packaging and labelling to documentation.

Our high-purity salts are used in various segments of the pharmaceutical industry:

- Production of solutions for injections and infusions, food supplements and tablets
- Production of antibiotics, insulin and dialysates
- Production of pharmaceuticals



For pharmaceutical applications we offer the following products:

Product	Description	Certificates
Potassium Chloride	Potassium Chloride (KCl) Ph. Eur., USP	DIN EN ISO 9001 ff., GMP, CEP, Kosher, Halal
Potassium Sulphate	Potassium Sulphate (K_2SO_4) Ph. Eur., DAC, FCC, E515	DIN EN ISO 9001 ff., GMP, Kosher, Halal

Certified salts for the food industry

We offer high-purity food-grade potassium and magnesium salts, which are specifically suited for the production of foods and beverages. Of course these high-quality products are certified in accordance with internationally accepted standards. Due to the natural origin of our raw materials, in combination with our stringent and independently controlled production processes, we are able to provide outstanding salts which meet the high standards of the food industry in every respect.


Bakery products, processed meats and poultry, convenience food, dairy products, baby and infant food or beverages – the high-purity salts from K+S KALI are used by the international food industry in a great variety of products. Applications include stabilisation and fortification of food with minerals.

The food industry uses our high-purity salts for the following purposes:

- Dietary salts
- Food processing
- Food fortification



We offer the following products for application in food:

Product	Description	Certificates
	Potassium Chloride (KCl) FCC, FAO, WHO, E508 with anti-caking agent	DIN EN ISO 9001 ff., IFS, Kosher, Halal
Potassium Sulphate	Potassium Sulphate (K_2SO_4) Ph. Eur., DAC, FCC, E515	DIN EN ISO 9001 ff., Kosher, Halal
Epsom Salt	Magnesium Sulphate ($MgSO_4 \cdot 7H_2O$), FCC	DIN EN ISO 9001 ff., Kosher, Halal

Salts for animal nutrition – certified and highly purified



Our KaSa-products for use in pet food and in feed for commercial livestock not only offer exceptional product quality, but also comply with all relevant EU-regulations, and are certified and recognised in accordance with accepted standards. Whether it is high-purity potassium chloride or magnesium sulphate – the KaSa-products are of natural origin. Our products help to supply animals with important nutrients such as potassium, chloride, magnesium and sulphur.

Our KaSa-products are used in the following areas of application:

- Feed for pets such as dogs and cats
- Feed for commercial livestock such as cattle, horses, sheep, goats and chickens
- Feed for aquaculture such as shrimps



Our KaSa® product range includes:

Product	Description	Certificates
	Potassium Chloride (KCl) Feed material, 52 % K	DIN EN ISO 9001 ff., GMP+ (QS recognised)
	Magnesium Sulphate (MgSO ₄) Feed material, 19,9 % Mg · 26,4 % S	DIN EN ISO 9001 ff., GMP+ (QS recognised)



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