

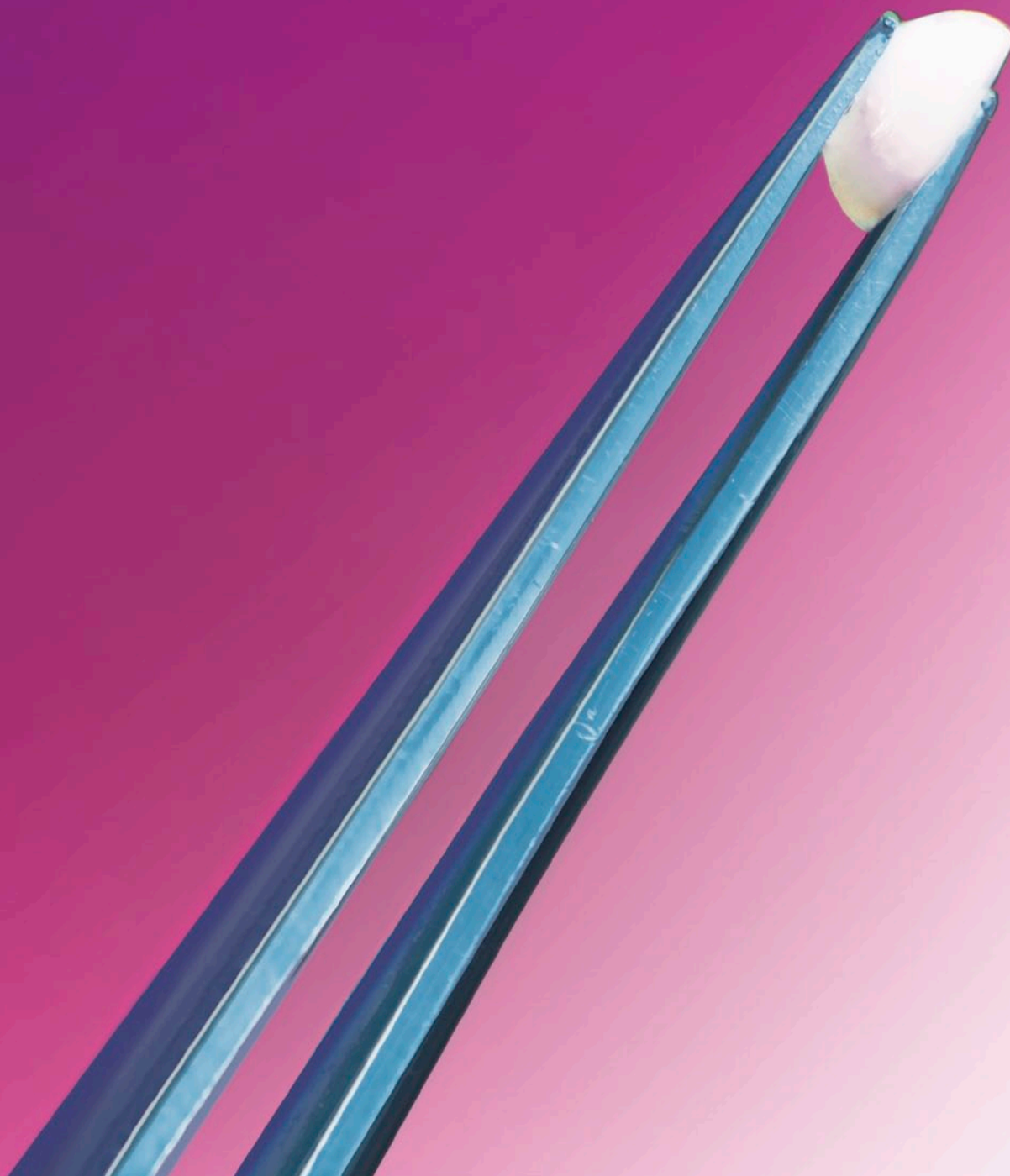
Chemically pure alkali pellets

Sodium hydroxide and potassium hydroxide



AkzoNobel

Tomorrow's Answers Today



Tradition, quality and reliability

Eka Chemicals has produced chemically pure Sodium Hydroxide and Potassium Hydroxide since 1904. Gathered experience over the years has improved the quality, both as regards the manufacturing process as the end products. We have sound experience of alkali production and unique documentation of product analysis. Our customers can trust our high purity and the quality of our products to make them more competitive.

Quality

The chemically pure alkali plant in Bohus is one of only a few plants in the world capable of making Sodium Hydroxide and Potassium Hydroxide pellets of premium quality. The reason for the high quality of the production in Bohus is the policy of continuously improving the technology, skills and the knowledge of our staff.

Eka Chemicals is an important global supplier to the pharmaceutical, the cosmetic, the electronic and the food industry as well as to laboratories, areas where consistent quality is essential. Our products are of the very highest quality containing extremely low levels of impurities making us a reliable partner.

Development and customisation

We develop special grades for several applications, working closely with our customers. We are equipped to provide our customers with tailor-made products at practically any purity they wish. Here, the research and development department plays a vital role as it has total responsibility for products, process optimisation and selection of raw materials.

Delivery reliability

Eka Chemicals' production capacity is sufficiently

large to guarantee just-in-time deliveries, making it possible for our customers to optimize their warehouse.

Sustainability and HSE

At Eka Chemicals we believe that long-term sustainable operations are one of the foundations on which to establish a leading market position. Consequently we support REACH and its obligations.

Health, safety and environment (HSE) are of decisive importance in all Eka Chemicals activities. Today, all our products and their applications must contribute to reducing the negative impact on the environment as well as to improve production efficiency and energy usage.



Unique production facilities



100 years of pure alkali

Raw materials

The selection of raw materials is decisive for the end product. Our raw material is based on various qualities of salt for different applications and its purity is essential. For the quality assurance, the raw material is stringently checked before further processing.

Production

Eka Chemicals has modern and in many ways unique production facilities, capable of producing chemicals of the highest quality. In addition, Eka Chemicals has a well-developed process and production control system.

Eka Chemicals produces a variety of qualities according to Pharmacopeias, Official Standards and Eka Standards. However, today we are more focusing on "tailor made" qualities, developed in close cooperation with our customers.

Research & development

Eka Chemicals has its own research and development department for fine chemicals. The department works with process development, the development of new products and the adaptation of products to the wishes and needs of customers.

Quality control & audits

Our ISO 9001 system and the quality controls carried out by Eka Chemicals' certified

central laboratory form the basis of our activities, from raw material to end product. We have an open attitude to customer audits since this is important when building long and trustworthy relations with our customers.

Customer support

There is a wide spectrum of areas for chemicals in which the customer can benefit from our advice. This might regard applications, quality control, labeling, handling, transport solutions, regulations as well as laws and statutes.

Packaging

Eka Chemicals has a modern packaging line that is almost fully automated and has integrated monitoring systems. In this line we have also the possibility to incorporate the customer's own labels and marking requests.

Eka Chemicals has developed a safe, secure and easy-to-use packaging. It is UN-approved and recyclable. To assure the transportation and quality all the way to our customers, it is equipped with tamper evidence.

The 25kg box is made in polypropylene and has a polyethylene inner liner. The boxes are delivered on an ISPM 15 marked pallet with a net weight of 900kg.

Application of Eka Pellets

Pharmaceutical and chemical industry

- Pharmaceutical and Cosmetic Production/Synthesis, Saponification, Cleaning and pH-adjustment
- Fine and laboratory chemicals (Synthesis and Analyses)

Electronics industry

- Chips, Photoresists, Semiconductors and PCB (Production and Stripping of photoresists and Etching of metallic silicone)

Food industry

- Dry Milk Products (Whey powder, Coffee creamers and Food thickeners)
- Emulsifiers (Mono and diglycerides and Alginates)
- Instant Coffee (Cleaning of production equipment and pH-adjustment)
- Edible oil (Hydrogen gas production for fat hardening)

Electrolysers

- Hydrogen gas production (Electrolyte for electrolyzers)

Miscellaneous industries

- Plastic manufacture (Saponification of dispersing agent, pH-adjustments, Reactivation of catalyst)
- Ethoxylation (Catalyst)
- Gas cleaning (Absorbent of carbon dioxide, hydrogen sulphide, humidity and acidic gases)
- Surface treatment of metals (Degreasing and Cleaning)
- Electroplating bath (Alkaline baths)
- Mirror manufacture (Silverplating bath)
- Nuclear Power Stations (Storage of nuclear fuel and Regeneration of anion exchangers)

www.ekafinechemicals.com

Eka Chemicals, with 2,568 employees in 28 countries, is a business unit within AkzoNobel. Turnover 2009 amounted to 935 mEUR. Eka Chemicals is a leading supplier of bleaching chemicals, paper chemicals and systems to the pulp and paper industry throughout the world, and supplies certain special chemicals to the pharmaceuticals industry, water treatment, the electronics industry etc.



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AkzoNobel is the largest global paints and coatings company and a major producer of specialty chemicals. We supply industries and consumers worldwide with innovative products and are passionate about developing sustainable answers for our customers. Our portfolio includes well known brands such as Dulux, Sikkens, International and Eka. Headquartered in Amsterdam, the Netherlands, we are a Global Fortune 500 company and are consistently ranked as one of the leaders on the Dow Jones Sustainability Indexes. With operations in more than 80 countries, our 55,000 people around the world are committed to excellence and delivering Tomorrow's Answers Today™.

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