

Eka Chemicals

Potassium chlorate

Tradition, quality and service



AkzoNobel

Tomorrow's Answers Today



eka

Tradition, quality and service

Eka Chemicals is the world's leading producer of potassium chlorate, with all the experience and reliability clients will need. Our sophisticated system ensures that you always receive the exact quality and quantity ordered, on time.

Potassium chlorate

Potassium chlorate is a strategic raw material for Eka Chemicals' customers. The potassium chlorate will affect the quality of the customers' end product, the efficiency of their processes and the safety of their operations.

The raw materials used in the production of potassium chlorate are potassium chloride, electrical energy and water. Potassium Chlorate is formed through electrolysis and crystallization, with final properties formed through grinding and sieving.

Tradition

Eka Chemicals' Alby plant is located on the banks of river Ljungan, deep in the pine forests of Northern Sweden. This

is the world's leading production center for potassium chlorate. The production of potassium chlorate in the current location of the plant dates as far back as 1898.

Quality and service

Eka Chemicals is well known for its product quality, high service level and reliability. To satisfy customer demands, which are becoming higher and more specific every year, a lot of attention is put on our continuous improvement work. At the Alby plant, ISO 9001 and 14001 form the basis for all activities. Eka Chemicals is also using well developed systems to ensure the customers always will receive exactly what they ordered in terms of quality and quantity, and in time.



Production and safety

Production

Eka Chemicals has modern and in many ways unique production facilities. This in combination with extensive experience makes us capable of producing Potassium Chlorate of the highest quality. In addition, Eka Chemicals has a well-developed process and production control system.

Safety and sustainability

Potassium chlorate should be handled with care, as the product may pose risks if handled improperly. An understanding of its proper use is thus very important. Therefore, Eka Chemicals believe that long-term sustainable operations are one of the foundations on which to establish a leading market position.

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

Packaging

The packaging used by Eka Chemicals is practical, safe, recyclable and meets international transport requirements. Eka Chemicals has invested in modern packaging lines that are almost fully automated and incorporate monitoring systems.

To ensure product quality all the way to our customers, we offer different packaging, on stretch wrapped pallets:

- 25 kg PE coated, three layer paper bags.
- 65 kg Steel drums with inner PE liner.



Customer support

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

Application of potassium chlorate

Pyrotechnics

With increasingly high demands on safety, efficiency and quality of the end products, producers of pyrotechnics are increasing their demands on raw materials and their suppliers.

With its supreme quality product, high service level and advanced knowledge of Health/Safety/Environment, Eka Chemicals has proven to be an invaluable partner to the pyrotechnical industry.

Match industry

Eka Chemicals produces several grades of potassium chlorate that are tailor-made to meet the specific demands of match manufacturers in all parts of the world. This is the result of a long and close cooperation with manufacturers around the globe.

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.



AkzoNobel
Tomorrow's Answers Today

www.akzonobel.com/eka

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™.

© 2011 AkzoNobel N.V. All rights reserved.
E-mail: mailto:finechemicals@akzonobel.com