



Potassium chlorate



Superior Alby quality since 1898

Nouryon

Tradition, quality and service

Nouryon 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.

Nouryon potassium chlorate

Our product is a strategic raw material for our customers. The potassium chlorate we produce will leverage 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 our water. Our potassium chlorate is formed through electrolysis and crystallization, with final properties formed through grinding and sieving.

Tradition

Our chlorate plant is located at Alby, on the banks of river Ljungan, deep in the pine forests

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

Quality and service

Nouryon 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. We are 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

We have 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, We have 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, Nouryon believe that longterm 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 Nouryon 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 is practical, safe, recyclable and meets international transport requirements. We have 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, Nouryon has proven to be an invaluable partner to the pyrotechnical industry.

Match industry

We produce 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.

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 9,700 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

[nouryon.com](https://www.nouryon.com)