CIECH GROUP

CIECH is an international, professionally managed group of Polish origin holding a stable leader position in chemical industry in Central and Eastern Europe. The Company produces modern, top quality products used by clients all over the world. Thanks to the support of the trustworthy strategic investor, CIECH runs its policy of global development, year by year extending sales on more and more markets. In this process, it combines modern business approach with production tradition that dates back to 1882.

CIECH Group manufactures products that meet the top quality standards, and in particular: soda ash and baking soda, salt products, polyester and epoxy resins, products for agricultural industry, glass industry and other materials for chemical industry. They are used in, among other things, the following industries: glass, food, furniture, detergent production, in agriculture and construction industry. Operations of CIECH Group are based on the extensive portfolio of clients including both global chemical companies, and smaller clients from Europe, Africa, or Asia.

CIECH Group has the position of the leader in many markets:

» the second largest in Europe and the largest in Central and Eastern Europe producer of soda ash and the second largest in Europe (ex aequo with Novacarb) producer of baking soda;
» the only Polish producer and main national supplier of soda ash and baking soda, calcium chloride, epoxy resins;
» the largest Polish producer of evaporated salt, plant protection products, saturated polyester resins and glass lanterns;
» significant supplier of calcium chloride, epoxy resins, sodium silicates to European markets.

CIECH Group operates in internally diversified segments: sodium, organic, silicate, glass, transportation. A significant part of CIECH S.A. operations is focused on salt production and processing.
SALT PRODUCTION IN A NUTSHELL:

- **1976** – commencement of production of evaporated vacuum salt
- **115 employees** – at Janikowo Production Plant
- **24 h per day** – round the clock production in 3-shift system
- **1 700 tons of salt** – daily production efficiency
- **600 000 tons** – annual production

COUNTRIES WHERE CIECH S.A. SALT PRODUCTS ARE DELIVERED:

Western Europe:
- Germany, Belgium, France, Italy;

Nordic countries:
- Sweden, Finland, Norway;

Central Europe:
- Poland, Czech Republic, Slovakia, Hungary, Bulgaria;

Eastern Europe:
- Lithuania, Latvia, Russian Federation, Ukraine.
Food grade salt is produced of saline solution from wet exploitation of natural rock salt deposits and is widely used in food industry. It is considered the oldest preservative in the world.
Industrial salt is one of ingredients in production of detergents, washing powders, and colorants. It is also widely used in electrolysis process and in soda production.

Industrial salt, similar to food grade salt, is produced of saline solution from wet exploitation of natural rock salt deposits.
Animal fodder production

Feeding wild animals

Salt lick production

SODIUM CHLORIDE - FEED GRADE

Used in agriculture and fodder production processes that complete farm animal diet (in particular, ruminants) with mineral ingredients. It is also used in feeding wild animals since it improves absorption of potassium, magnesium, and calcium. Sodium chloride - feed grade is also used for production of salt licks. Sodium chloride - feed grade* is obtained from saline solution from wet exploitation of natural rock salt deposits. The product is a mineral substance that improves fodder with additional sodium.

*The limit of dioxins and aflatoxins in complies with the Resolution of the Minister of Agriculture and Rural Development on Contents of Undesired Substances in Feed. (Journal of Laws 2012 No. 0 item 203 - as amended).
NITRITE CURING SALT

The nitrite curing salt is a necessary additive in production of meat and processed meat products. Curing is derived from one of the oldest ways of preserving food – using salt as a preservative.

Nitrite Curing Salt is of key importance for meat safety:
- it assures microbiological stability eliminating the risk of botulism;
- it preserves meat adding pink colour and seasoned flavour.

*The product is not suitable for direct consumption.
SALT TABLETS FOR WATER TREATMENT

Hard water results in unnecessary use of softening agents and creation of lime scale that limits the efficiency of the heating process and significantly increases fuel consumption. This is why water purification is more and more often used. Special water softening systems with salt tablets (also called tabletted salt), are used in the process.

Tablets are produced of evaporated salt with anti-caking agent below 3 mg/kg and do not contain any mechanical impurities. The tablet is odourless and assures perfect parameters for water. Water will be completely safe for human health and ready for instant use.

Salt tablets by CIECH S.A. comply with the strictest requirements of producers of softeners and water treatment stations, and also:

- the production process is subject to constant monitoring and control thanks to which the product does not contain any mechanical impurities that may expose the softening device to damage;
- do not cause formation of the so-called salt deposits lowering the life and efficiency of water treatment devices;
- the actual contents of the product comply with parameters specified in its attestation (it is guaranteed by the factory sealed packaging).

Advantages of using CIECH S.A. salt tablets:

- no lime scale formation in heating devices and systems which improves their life and efficiency;
- no scale on taps, rain showers, shower cabin, tiles, or kettles;
- possibility to quit using salt for dishwashers;
- lower consumption of chemical agents, washing powders, soap, shampoos, dishwasher agents.

PURPOSE

- Home water treatment devices and plants
- Industrial water treatment plants
- Carwashes
- Water treatment industrial facilities
Kujawska Salt (Sól Kujawska) is one of the best recognisable brands and products on the cooking seasoning market. It is an unbeatable seasoning for soups, salads, rice, potatoes, pasta. A lot of people cannot imagine a meal without a pinch of cooking salt. The Kujawska Salt comes from one of the most ecologically pure regions of Poland, i.e. Ziemia Kujawska.

**PURPOSE**

- For soups and salads
- For potatoes, French fries, and rice
- For meat and other cooking purposes
- For preserves
CIECH S.A. SALT PRODUCTS DO NOT CONTAIN:

- GMOs
- Animal ingredients
- Allergens
- Gluten
- No ionising radiation is used in production

CERTIFICATES OBTAINED BY SALT RANGE PRODUCER,
CIECH SODA POLSKA S.A. COMPANY

- Certificate of Kashrut
- Management System Certificate according to PN-EN ISO 17025:2005
  – for test laboratories
- FSSC 22000 Certificate

The technological process features the FSSC 22000 system that eliminates or limits the risk of chemical, microbiological, and physical impurities enter the product to the safe level. This is particularly important in the case of cooking and sodium chloride – feed grade salts.
### TRANSPORTATION AND STORING RECOMMENDATIONS FOR SALT PRODUCTS

- Salt should be transported in clean, covered containers as per applicable legal regulations;
- The load should be evenly distributed in a manner preventing moving of packages and their damaging;
- Product should be stored in clean and dry rooms with humidity below 75% in tight containers.

<table>
<thead>
<tr>
<th>Product</th>
<th>Package capacity</th>
<th>Number of bags / multipacks on a layer</th>
<th>Number of layers</th>
<th>Number of bags / multipacks on a palette</th>
<th>Palette net weight</th>
<th>Height of packed palette</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kujawskia salt</td>
<td>1 kg</td>
<td>14 pcs. x 10 kg</td>
<td>7</td>
<td>90 pcs.</td>
<td>980 kg</td>
<td>107 cm</td>
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<tr>
<td>Food grade salt</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
</tr>
<tr>
<td></td>
<td>1000 kg</td>
<td>1 pcs.</td>
<td>1</td>
<td>1 pcs.</td>
<td>1000 kg</td>
<td>145 cm</td>
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<tr>
<td>Iodized food grade salt</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
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<tr>
<td>Industrial salt</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
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<tr>
<td></td>
<td>1000 kg</td>
<td>1 pcs.</td>
<td>1</td>
<td>1 pcs.</td>
<td>1000 kg</td>
<td>145 cm</td>
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<td>Sodium chloride - feed grade</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
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<tr>
<td></td>
<td>1000 kg</td>
<td>1 pcs.</td>
<td>1</td>
<td>1 pcs.</td>
<td>1000 kg</td>
<td>145 cm</td>
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<tr>
<td>Nitrite curing salt 0.5-0.6%</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
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<tr>
<td>Nitrite curing salt 0.8-0.9%</td>
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<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>102 cm</td>
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<tr>
<td>Salt tablets for water treatment</td>
<td>25 kg</td>
<td>5 pcs.</td>
<td>8</td>
<td>40 pcs.</td>
<td>1000 kg</td>
<td>110 cm</td>
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<tr>
<td></td>
<td>1000 kg</td>
<td>1 pcs.</td>
<td>1</td>
<td>1 pcs.</td>
<td>1000 kg</td>
<td>145 cm</td>
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CONTACT DATA SALES DEPARTMENT AND CUSTOMER SERVICE DEPARTMENT

<table>
<thead>
<tr>
<th>Sales Department</th>
<th>Position</th>
<th>Mobile phone</th>
<th>e-mail</th>
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</thead>
<tbody>
<tr>
<td>Emil Popielarz</td>
<td>Key Account Manager</td>
<td>+48 601 455 550</td>
<td><a href="mailto:Emil.Popielarz@ciechgroup.com">Emil.Popielarz@ciechgroup.com</a></td>
</tr>
<tr>
<td>Maksymilian Miler</td>
<td>Export Manager</td>
<td>+48 663 489 450</td>
<td><a href="mailto:Maksymilian.Miler@ciechgroup.com">Maksymilian.Miler@ciechgroup.com</a></td>
</tr>
<tr>
<td>Malwina Dąbrowska</td>
<td>Country Sales Manager</td>
<td>+48 669 600 032</td>
<td><a href="mailto:Malwina.Dabrowska@ciechgroup.com">Malwina.Dabrowska@ciechgroup.com</a></td>
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</tbody>
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<table>
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<tr>
<th>Customer Service Department</th>
<th>Position</th>
<th>Phone</th>
<th>e-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anna Walczak</td>
<td>Sales Administration Specialist</td>
<td>+48 52 354 42 55</td>
<td><a href="mailto:Anna.Walczak@ciechgroup.com">Anna.Walczak@ciechgroup.com</a></td>
</tr>
<tr>
<td>Jolanta Barnik</td>
<td>Sales Administration Specialist</td>
<td>+48 52 354 15 87</td>
<td><a href="mailto:Jolanta.Barnik@ciechgroup.com">Jolanta.Barnik@ciechgroup.com</a></td>
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</tbody>
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Due to printing technique, packaging colours may differ from the actual colours.