



## Pharmaceutical ingredients

Sodium bicarbonate  
Sodium carbonate



[www.humens.com](http://www.humens.com)

# A product range for the pharmaceutical market

Humens produces a wide range of Sodium Bicarbonate and Sodium Carbonate produced at **Novacarb** in France and **Novabay** in Singapore to be used in Pharmaceutical and Medical device applications. These two sodium bicarbonate manufacturing units dedicated to the pharmaceutical market ensure a continuous and reliable supply to our customers.



## High purity

Our range of pharmaceutical grade ingredients is manufactured from extremely pure natural materials using state-of-the-art technology.

Our products meet High Quality Standards.

## High expertise & strong experience

A dedicated team with strong expertise provides all necessary supports.

## Quality & Certifications

### Novacarb

- ISO 9001
- ISO 14001
- ISO 45001
- ISO 50001
- Ecovadis
- One of our products is EXCiPACT certified

### Novabay

- API GMP
- ISO 9001
- ISO 13485
- Ecovadis

## Packaging

- 25 kg bag
- Big bag



# Applications



- Hemodialysis

**Key properties**

- Supply Electrolyte
- Stabilize pH

**Why choose our sodium bicarbonate for hemodialysis?**

- Appropriate particle size distribution
- Far below metal contents than the strictest Pharmacopoeias specifications (Eur.Ph ; USP)
- Significantly reduced contents in carbonate and chloride ions
- Enhanced free-flowing properties



- Pharma market

**Key properties**

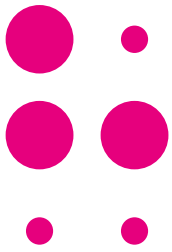
- Effervescent
- Tablet coating
- Food supplement
- Antacid



- Personal care

**Key applications**

- Toothpaste
- Roll-on deodorant
- Other applications



**Humens**  
the purity makers



## Our company

### Historical know-how

Humens produces sodium-based mineral compounds. Our company has a production history that goes back more than 160 years at our La Madeleine plant in Laneuveville-devant-Nancy, France. Our products are made from two high purity natural mineral raw materials extracted in the Lorraine region: limestone from our Pagny-sur-Meuse quarry and salt from our Lenoncourt salt field. From local to global player, Humens set up a greenfield sodium bicarbonate unit in Singapore in 2016.

### Shared goal for product quality

Humens is a state-of-the-art company with 400 skilled and committed employees. We have been passionate about products purity and satisfying our customers' needs since our industrial activities were launched in 1855.



#### Humens Headquarters

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#### Novacarb

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## Contact us

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