



Our essential
ingredients
for the global
pharmaceutical
and cosmetic
industry



SOLVAY

asking more from chemistry®



bicar[®]pharma

iPh SODIUM
CARBONATE

As market leader, Solvay is offering **pharmaceutical ingredients** meeting high quality standards

We can provide you with the right grade of sodium bicarbonate and sodium carbonate anhydrous for a large range of applications. Furthermore, we are able to provide a strong support to meet specifications and regulatory requirements of the market.



bicar[®]pharma
API HIGH PURITY

- ▶ As API (Active Pharmaceutical ingredient), for sensitive applications requiring an extra pure sodium bicarbonate

iPh SODIUM
CARBONATE

A **superior grade** of sodium carbonate anhydrous

- ▶ In pharmaceutical application as API (Active Pharmaceuticals Ingredient)
- ▶ As excipient with dessicant properties in effervescent tablets
- ▶ As high purity substance with pH-buffering properties in cosmetic



bicar[®]pharma
HEMODIALYSIS

- ▶ In hemodialysis to provides electrolytes and stabilize the pH in hemodialysis

A global player
offering a high
level of services
based on
Excellence

- ▶ Top and consistent quality with a very high purity profile
- ▶ Reliability and product availability thanks to a worldwide presence
- ▶ Different granulometries to meet customer needs
- ▶ Best support in documentation to meet and anticipate future global quality standards (CEP available)
- ▶ Building up and exceeding certification standards GMP ICH Q7 and GMP IPEC-PQG



bicar[®]pharma
API

- ▶ As an API (Active Pharmaceutical Ingredient)

Bicar[®]Pharma
A high purity
sodium bicarbonate
for different
applications

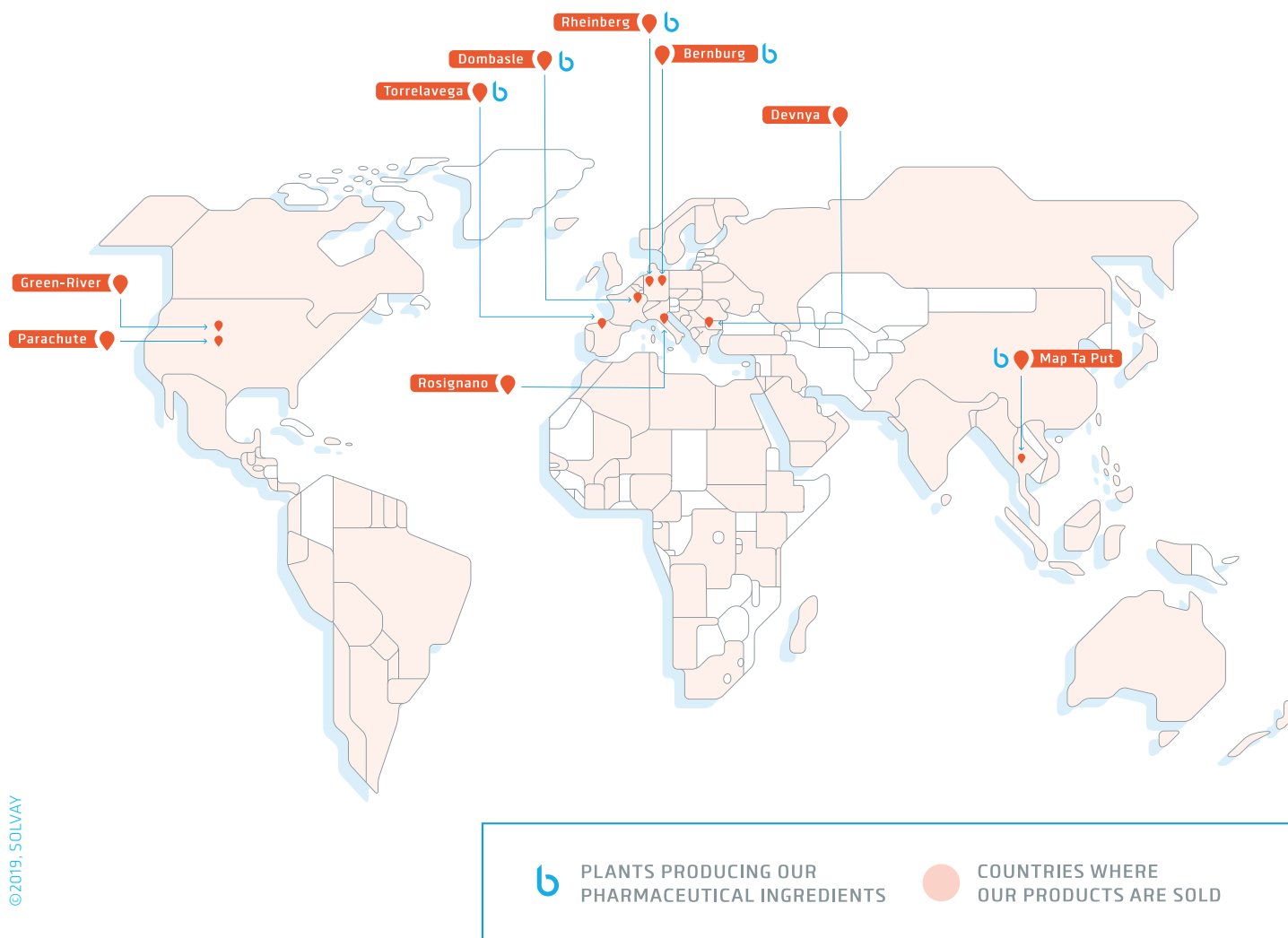


bicar[®]pharma
EXCIPIENT

- ▶ As an excipient in effervescent tablets
- ▶ As high purity, mineral-based non-irritating substance in cosmetics

Solvay, a reliable bicarbonate and derivatives supplier

With its industrial network in Europe, USA and Thailand, its dedicated research and innovation center and strong worldwide supply chain, Solvay is a reliable partner supporting the development of the pharmaceutical industry.



www.solvay.com

Solvay Soda Ash and Derivatives (SA&D) is a world leader in its sector, producing soda ash serving the glass, detergent and chemical markets and developing solutions based on sodium bicarbonate and trona serving the healthcare, food, animal feed, and flue gas cleaning markets. SA&D has 11 industrial sites worldwide, more than 3,700 employees and serves 90 countries.

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding.

This information must on no account be used as substitutive for necessary prior tests which alone can ensure that a product is suitable for a given use.

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Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations.



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