



Our essential ingredients for the global pharmaceutical and cosmetic industry



Progress beyond

bicar<sup>®</sup>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.



**bicarpharma**  
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



**bicarpharma**  
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<sup>®</sup>pharma**  
API

- ▶ As an API (Active Pharmaceutical Ingredient)

**Bicar<sup>®</sup>Pharma**  
A high purity sodium bicarbonate for different applications

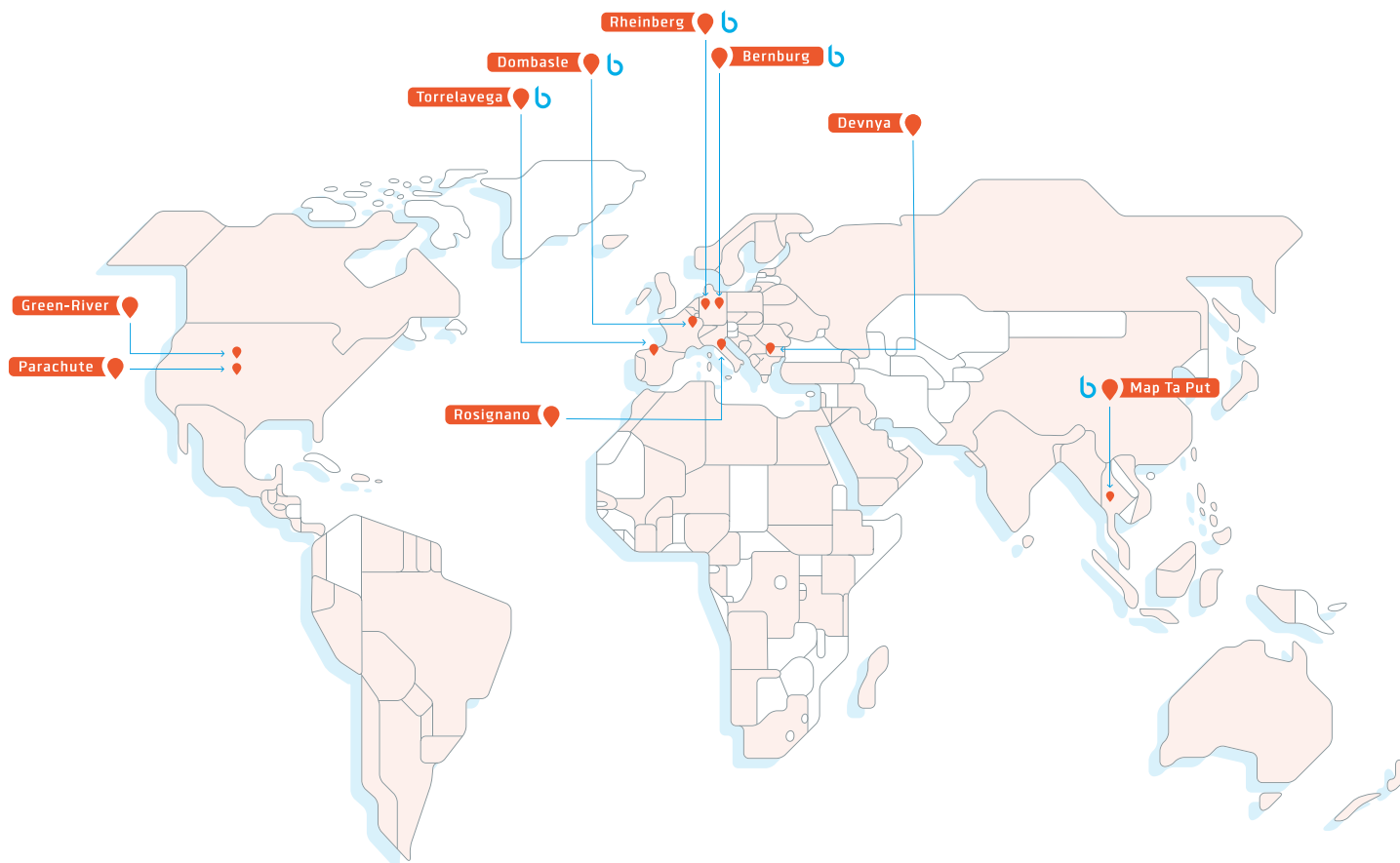


**bicar<sup>®</sup>pharma**  
EXCIPIENT

- ▶ 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.



PLANTS PRODUCING OUR PHARMACEUTICAL INGREDIENTS



COUNTRIES WHERE OUR PRODUCTS ARE SOLD

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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.

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