



*A fresh look
at pharmaceuticals and medical applications*

SOLVAY
Chemicals





Overview

In today's world, where medicine must constantly evolve to meet the challenge of new and more sophisticated diseases, Solvay Chemicals' rich history of scientific, technical and commercial expertise in pharmaceuticals and medical applications enables us to offer products that help ensure good health.

Our products range from functional fillers that add rheology, strength, flow and optical properties to applications in synthetic wound dressings, orthopedic casts, and metered dose inhalers.

Backed by more than 140 years of expertise, we are helping to build and maintain a cleaner, healthier world. Regarding specific applications, please go to www.solvaychemicals.us for more information.

BICAR™ Sodium Bicarbonate

BICAR Sodium Bicarbonate is a solid compound available in various granulations suitable for both powder and tablet applications. USP grades of sodium bicarbonate are used in pharmaceuticals as reactive compounds during manufacturing, and as excipients in final compounds. The effervescence of sodium bicarbonate helps provide an efficient delivery system. Solvay Chemicals also offers a Pharmaceutical Grade, produced in Europe under GMP conditions, that is suitable as an Active Pharmaceutical Ingredient (API) in antacid products.

INTEROX® Hydrogen Peroxide

INTEROX Cosmetic Grade Hydrogen Peroxide is heavily stabilized to provide extra stability and extended shelf life after dilution. It also meets U.S. Pharmacopoeia specifications when properly diluted to 2.5-3.5% concentrations.

3% hydrogen peroxide, in the traditional brown bottle, is used as a topical antiseptic and as a mouthwash.

Organic and inorganic fluorides

Solkane® pharma-aerosols are an ozone-friendly solution for metered-dose inhalers (MDI), where they are used in pharmaceutical grade propellants. Solkane 22, a fluorinated intermediate, is used as a starting raw material in plastic intravenous drip bags.

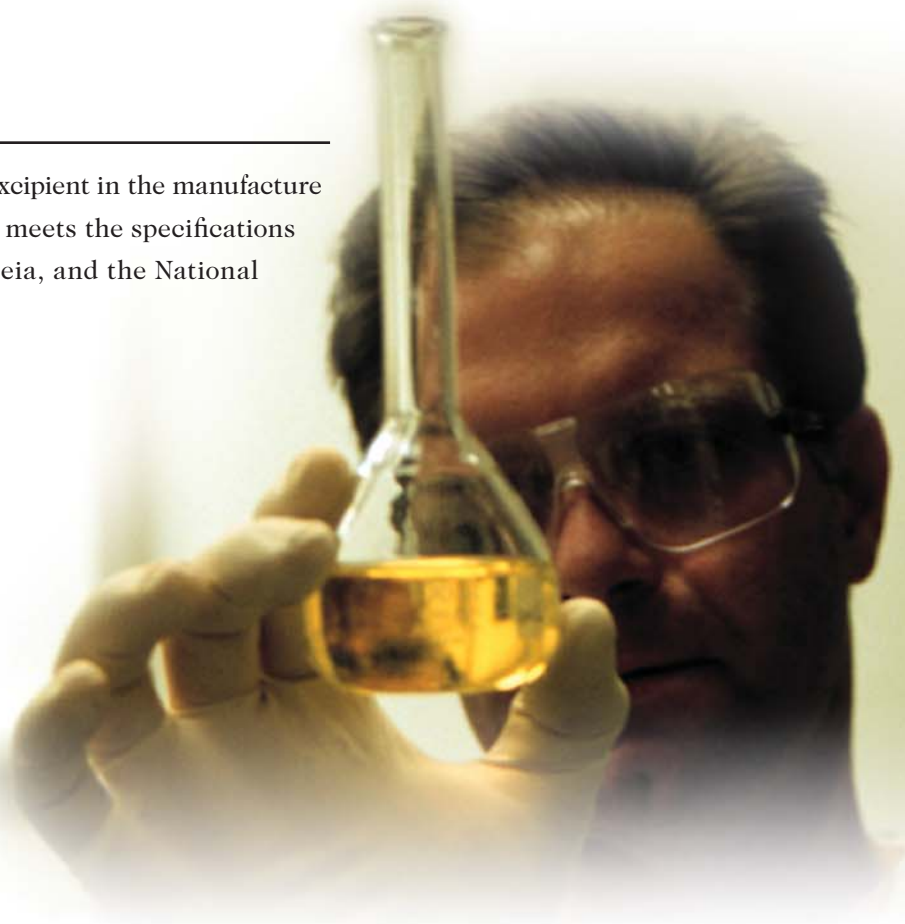
Inorganic fluorides are used in a precursor for fluorinated anesthetics.

Precipitated calcium carbonate (PCC)

SOCAL® ultrafine precipitated calcium carbonates are used as excipients and active ingredients in calcium formulations and for rheology control of liquid formulations.

Soda Ash IPH

This pharmaceutical grade of soda ash is used as an excipient in the manufacture of prescription and over-the-counter medications. It meets the specifications of the European Pharmacopoeia, U.S. Pharmacopoeia, and the National Formulary.



Global Resources

As part of the Solvay Group, we are a member of an international chemical and pharmaceutical group whose companies employ 29,000 people in 50 countries. The Solvay Group is the world's leading producer of hydrogen peroxide, soda ash, sodium percarbonate and barium and strontium products.

North American Sites

Solvay Chemicals and its affiliates ship product from seven North American plant sites and a number of strategically located distribution terminals. Our hydrogen peroxide and sodium percarbonate plants are located in Deer Park, Texas and Longview, Washington. Green River, Wyoming is home to our soda ash and sulfite production facility and our trona facilities. Inorganic fluorides are produced at Catoosa, Oklahoma and Alorton, Illinois, and our sodium bicarbonate is produced in Parachute, Colorado. Solvay Fluor in Ciudad Juarez, Mexico, manufactures ammonium bifluoride and anhydrous hydrofluoric acid. We also offer the North American market many imported products from our affiliates' plants around the world.

The Responsible Care® Initiative

We are committed to sustainable development through the Responsible Care® initiative, a policy adhered to by all Solvay companies, in every country in which Solvay has a presence. The Responsible Care® initiative underscores our focus on continuous improvement in the health, safety and environment of our planet.



Solvay Chemicals, Inc.

1.800.SOLVAY C (800.765.8292)

www.solvaychemicals.us

CHEMPRESS®

To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Solvay Chemicals, Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Solvay Chemicals, Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.

Trademarks and/or other Solvay Chemicals, Inc. products referenced herein are either trademarks or registered trademarks of Solvay Chemicals, Inc. or its affiliates, unless otherwise indicated.

Copyright 2008, Solvay Chemicals, Inc. All Rights Reserved. CGR# 3152

SOLVAY
Chemicals



a Passion for Progress®