

# Cements and Other Dental Care Products



Spectrum offers a range of chemicals used as dental cements and dental luting agents. Other dental care chemicals include oral analgesics, anesthetics, hemostatics and disinfectants. These chemicals are available in multiple volumes and sizes, covering a range of needs in the dental product manufacturing market.

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## Dental Cements

Dental cements generally fall into the categories of resin-based dental cements, acid-base dental cements and glass ionomer-based cements. Other materials may be embedded into dental cements to impart additional properties such as antimicrobial activity.

Catalog Item	Name	Description
E2305	2-Ethoxybenzoic Acid	2-Ethoxybenzoic Acid is a common ingredient in non-aqueous acid-base dental cements.
Z1085	Zinc Oxide, USP	Zinc Oxide, USP is an inorganic compound that is a common ingredient in dental cements.
Z1100	Zinc Sulfate, FCC	Zinc Sulfate, FCC is an inorganic compound that may be used as an ingredient some dental cements
EU110	Eugenol, USP	Eugenol USP is a common ingredient in dental products such as dental cements and mouthwash. The compound has antiseptic and antimicrobial properties and can be combined with zinc oxide to form a dental cement.
A2164	Acrylic Acid	Acrylate, the ionic form of Acrylic Acid, is a common ingredient in resin based dental cements.
M2131	Methacrylic Acid	Methacrylate, the ionic form of Methacrylic Acid, is a common ingredient in resin based dental cements.

## Other Dental Care Ingredients

Catalog Item	Name	Description
AL225	Aluminum Chloride, Hexahydrate, USP	Aluminum Chloride, Hexahydrate, USP has both astringent and hemostatic properties and may be used in a range of dental products.
LC24630	Sodium Hypochlorite, 5 Percent (w/v) Solution	Sodium Hypochlorite, 5 Percent (w/v) Solution has strong bleaching and disinfectant properties and may be used in a range of dental products and endodontic procedures.
PO180	Potassium Hydroxide, Pellets, NF	Potassium Hydroxide, Pellets, NF is an inorganic compound that is a strong base and precursor detergent and may be used in a range of dental products.
BE130	Benzocaine, USP	Benzocaine, USP is a topical analgesic commonly used in dental practice as a mild local anesthetic.
LI102	Lidocaine, USP	Lidocaine, USP is a local anesthetic and is commonly used in dental practice during minor surgical procedures.
LI103	Lidocaine Hydrochloride, Monohydrate, USP	Lidocaine Hydrochloride, Monohydrate, USP is a local anesthetic and is commonly used in dental practice during minor surgical procedures.

### **About Spectrum Chemical**

Founded in 1971, Spectrum Chemicals & Laboratory Products, a division of Spectrum Chemical Mfg. Corp., is a manufacturer and distributor of fine chemicals and laboratory products and offers the largest selection of monograph chemicals for manufacture of food, drug and personal care products available from a single source. Spectrum has in place the documentation, validation, and qualification systems expected by all quality-driven organizations regardless of their industry's requirements. Our company's management is headed by Prem Jain, MS/MBA, Ph.D., President and CEO since 2011. Dr. Jain brings more than 40 years of experience in the global chemical industry, including 10 years with Spectrum Chemicals. Dr. Jain is supported by a qualified staff of highly trained business, sales, marketing, scientific and customer service professionals. Together, the Spectrum team is dedicated to providing fine laboratory chemicals, supplies and equipment to our customers for the best quality, safety and reliability.

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