



2780 Waterfront Pkwy. E. Dr. Indianapolis, IN 46214
Phone: 317-328-5660 Fax: 317-328-5668 Sales: 1-800-437-3188 www.calumetspecialty.com

01 January 2022

To Our Valued Customers:

In response to the many questions concerning expiration dates/shelf life, Calumet Refining, LLC does not claim a shelf life for our products.

As a Bulk Pharmaceutical Chemical Manufacturer registered with the FDA, Calumet is required to retain samples of all product shipments for a period of three (3) years. Prior to disposition of these samples, they are randomly tested and results compared to original Certificate of Analysis physical and purity parameters. These results routinely agree within the accuracy of the test method.

Since Calumet's Penreco-branded products are extremely stable and a shelf life is not claimed, Calumet Penreco products should be recertified three (3) years from the date of manufacture. This includes the Penpure and Drakeol product lines.

Calumet Refining products are expected to maintain their quality indefinitely, if stored at ambient temperatures in closed containers away from heat and light. Calumet will also recertify any new, unused product in our customers' inventory by individual request.

Please contact Calumet's Product Support Team at technical@clmt.com should you have further questions.

Sincerely,

Lynn Massad
Technical Market Development Manager