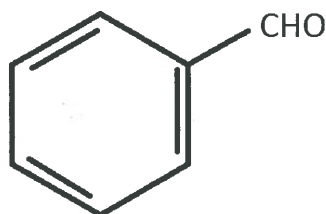




Kalama® Benzaldehyde

CAS No.: 100-52-7 EC No. 202-860-4



Benzenecarbaldehyde; Phenylmethanol; Benzoic aldehyde
C₆H₅CHO = 106.12 g/mol
HTS No. 2912.21
FEMA No. 2127

Grades Available

Kalama® Benzaldehyde is manufactured to meet the following compendia: Technical Grade and Food Chemicals Codex (FCC).

Kalama® Benzaldehyde Technical Grade

Kalama® Benzaldehyde Technical grade is used as a versatile chemical intermediate in the manufacture of pharmaceuticals, dyes, perfumes, and flavoring chemicals.

Kalama® Benzaldehyde FCC Grade

Kalama® Benzaldehyde FCC grade is widely used in flavors such as almond and cherry, and in various fragrances for soap and toiletries. Benzaldehyde is an FDA sanctioned synthetic flavoring substance (21 CFR Part 182.60) generally recognized as safe for foods (GRAS).

Shelf Life

The recommended retest date for benzaldehyde in steel drums is 24 months from the date of manufacture. If the drums have been unopened and have been properly stored, it may be possible to extend the retesting date to thirty-six (36) months.

The recommended retest date for benzaldehyde in HDPE is 12 months from the date of manufacture. If the totes have been unopened and have been properly stored, it may be possible to extend the retesting date to twenty-four (24) months.

The product should be stored in a cool and dry area. It is necessary to keep Benzaldehyde under the padding of an inert gas to decrease the possibility of product oxidation. Rags used to wipe spills of benzaldehyde and activated carbon used to absorb vapors of benzaldehyde have been known to ignite spontaneously. Care must be taken when disposing of these materials.

Benzaldehyde should be handled with good industrial practices including avoidance of contact, adequate ventilation, and cleanliness, normal accorded to the handling of organic chemical compounds. A Safety Data Sheet (SDS) is available for this product.

Since benzaldehyde is easily oxidized, when storing partially empty drums, it is recommended that the drums be "padded" with nitrogen.

Typical Physical Properties

Boiling Point	179° C
Specific Gravity	1.05 @ 25° C
Density	88.72 #/ gallon
Flash Point	147°F (64 °C) T.C.C.

Above properties are typical of benzaldehyde and should not be confused with, or regarded as, sales specifications.

Committed to Quality, Excellence, and Leadership

We strive to your supplier of choice by providing service and value to our customers through continuous improvement initiatives, plant expansions, acquisitions, and new product development. Our facility in Kalama, Washington has continued to build a portfolio of flavor and fragrance ingredients based on benzaldehyde, am dos now a leading global supplier of hexyl cinnamic aldehyde (HCA), amyl cinnamic aldehyde (ACA), cinnamic aldehyde, cinnamic alcohol, benzaldehyde, benzyl alcohol, linear aldehydes (C6A, C8A, C10A), and methyl benzoate. Our newest facility in Widnes, United Kingdom also produces a wide range of high purity aroma chemicals derived from benzaldehyde and terpene raw materials, creating key ingredients for many fragrance applications. In addition, Emerald Kalama Chemical produces other benzoates for personal care, household care, cosmetics, and food and beverage applications. These include Purox®B benzoic acid, Kalama® Benzaldehyde, Kalama® Benzyl Alcohol, and Purox®S and Kalama® Sodium Benzoate. These products are used as high quality antimicrobials, preservatives, and raw materials in many applications and are produced at our facilities in Kalama, Washington and Rotterdam, The Netherlands.

Reaching for the Highest Standards

Our experienced technical, QC, and regulatory personnel work diligently to ensure our products meet or exceed all applicable standards and that our processes and procedures are in compliance with standards such as cGMP.

Our manufacturing facilities have ISO 9001:2015 and ISO 14001:2015 certified programs in place. Kalama offers products meeting the requirements of the US Pharmacopeia, National Formulary, Food Chemicals Codex, and European Pharmacopeia, in addition to Kosher and Halal certifications. Our customers also benefit from raw materials with no chlorinated compounds. Certain products are manufactured following FSSC 22000 certified food safety management programs.

Serving You Globally

The Emerald Kalama Chemical operations in Kalama, Washington, Rotterdam, The Netherlands, and Widnes, United Kingdom are amongst the largest and most efficient of their kind in the world. Our facilities are strategically located to serve our customers' needs globally. We have been in business for nearly 50 years, both as Emerald and as part of our predecessor organizations –building upon our expertise to offer the best products and services today.

Emerald Kalama Chemical is a business group of Emerald Performance Materials. With operations in Europe and the United States, Emerald Kalama Chemical is a world-scale producer of benzoic acid, various benzoate and dibenzoate esters, flavor, fragrance, and pharmaceutical ingredients, alcohol and aldehyde derivatives for food preservation, plasticizers, and industrial applications. The company has three businesses focused on Antioxidants and Accelerators, Consumer Specialties, and Industrial Specialties and over 500 employees to serve our customers' needs globally.

Emerald Performance Materials manufactures adhesives and polymers to make your products last longer, and look, taste, smell, or perform better. We serve many consumer and industrial applications, such as food and beverage, flavor and fragrance, coatings, adhesives, rubber, plastics, composites, ink, paper, textiles, and others.

Contact Us

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