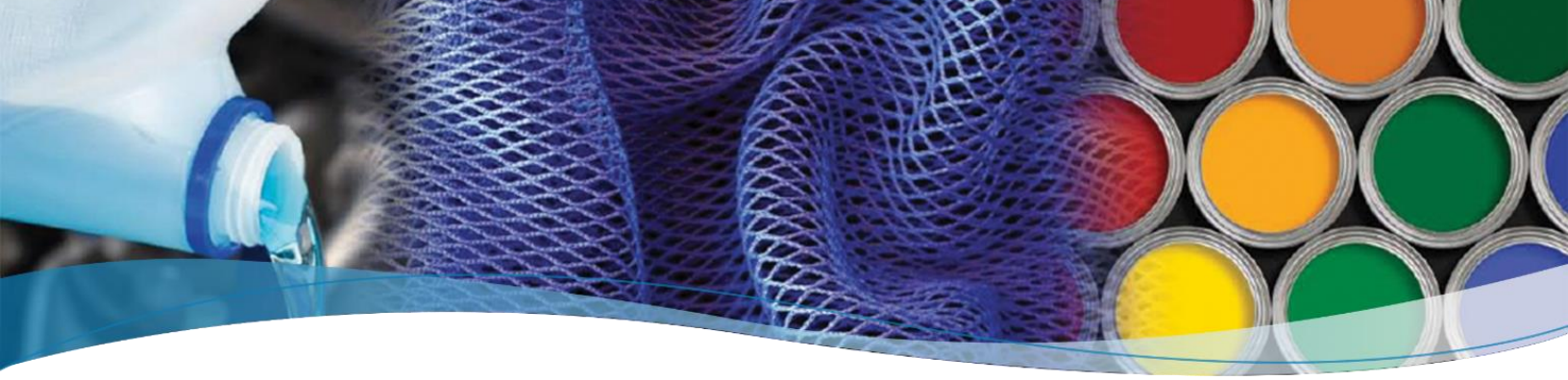


PuroxB flakes
pure grade benzoic acid

CAS No.: 65-85-0 EC No.: 200-618-2

$C_7H_6O_2$

Critical building block and performance additive in a wide range of industrial applications.

Applications include:

- **Raw Material in Synthesis, in Materials such as:**
  - Benzoyl chloride, propiophenone, caprolactum, photo-initiators, esters, polyamide, and specialty benzoate plasticizers
- **Chain Terminator in Production of Alkyd Resins**
  - Improves gloss, adhesion, hardness, chemical resistance
- **Specialty Additive**
  - Improves finish in synthetic polyester fibers
  - Temporary plugging agent in subterranean formations for downhole mud drilling
- **HDPE Filaments and Thermoplastic Elastomers**
  - Yields high-strength filaments for products such as fishing nets
- **Corrosion Inhibitor in Automotive Cooling Liquids**

Purox® B: Benzoic Acid of Outstanding Purity

Purox B has a **consistently high purity and quality**, which is achieved by using an innovative purification technology. Its **improved chemical characteristics and low odor level** make it the right choice for most demanding end-product requirements.

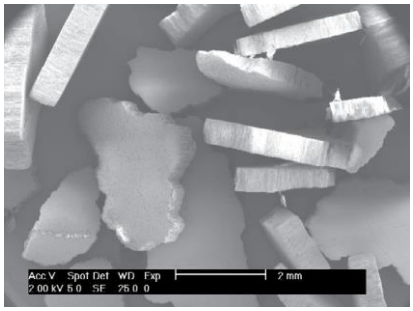
Superior Performance in Your Application

The chemical purity of 99.9% means that Purox B Flakes have a low agglomeration tendency. The low impurity profile also increases the efficiency of our customers' processes. In addition to its exceptional purity, Purox B offers improved physical properties for consistently high performance in all your handling and production processes.

To meet specific processing demands, Purox B is available either in liquid form or as flakes. Purox B liquid is supplied at a temperature of around 140°C. Flakes typically measure between 0.5 and 4.5 mm, while their free bulk density is around 540 kg/m3.

Serving Our Customers Globally from Our Facilities in Europe and the U.S.

Emerald is a leading and reliable global supplier of benzoic acid, benzaldehyde, and other related chemistries. We used the highest standards for quality and responsible manufacturing at our strategically located sites in the U.S. and Europe, operating under ISO 9001:2015, ISO 14001:2015, and FSSC 22000 management programs.



The high chemical purity of Purox B results in low agglomeration tendency.

Emerald Performance Materials®
Kalama Chemical

Purox B flakes

pure grade benzoic acid

Characteristic	Spec. Range	Unit
Form	Flakes ("chips") or liquid	-
Assay*	99.9% min.	% (m/m)
Water (Karl Fisher)	0.5 max.	% (m/m)
Color (molten product)	50 max.	APHA
Solidification point	121.5 – 122.5	°C

** Assay = 100% - total organic impurities*

Packaged to Meet Your Process Needs

Purox® B Flakes are available in a choice of packaging formats to meet specific process requirements.

Purox B liquid is supplied in ISO tank containers.

Purox B flakes are packaged in robust, tamper-proof 25-kg sealed polyethylene bags filled on an automated packaging line. Also available in bulk quantities of 650 kg and 1000 kg in high-quality bags.

About Emerald

Emerald Kalama Chemical is a leading global supplier of benzoic acid, benzaldehyde, and related downstream chemistries, with world-scale, backward integrated facilities in Kalama, Washington (USA), Rotterdam, Netherlands, and Widnes, UK. Products include benzoate preservatives, intermediates, high purity flavor and fragrance ingredients, plasticizers, coalescents, antioxidants, and accelerators. With manufacturing in the United States and Europe and a global sales and distribution network, we serve customers globally.

Purox B is also available through our distribution partners. Please contact us for additional information.

Purox B is not authorized for use in applications governed by BPR.

Customer Service – Americas

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