



Product Data Sheet

Benzoic Acid

Version 3

Technical Grade, Flake

Revision 09/26/2024

Benzoic acid flake is a mono-functional aromatic acid. It is an intermediate utilized in the synthesis of salts and esters. Benzoic acid is also used as a building block for alkyd resins, and an aid in oil well recovery, a component of antifreeze and a preservative.

SPECIFICATIONS

Appearance	White flakes/powder	
Assay	99.5%	min
Color, APHA	50	max
Moisture	0.1%	max
Residue (ash) on ignition	0.1%	max

TYPICAL PROPERTIES

Arsenic (As)	≤ 1 ppm
Biphenyl impurities	≤ 0.25 %
Boiling Point @ 760 mm Hg	249 °C
Cadmium	≤ 1 ppm
Chlorine Compounds (as Cl)	≤ 0.02 %
Cobalt (Co)	≤ 1 ppm
Flash Point, CC	121.9 °C
Heavy Metals (as Pb)	≤ 10 ppm
Lead (Pb)	≤ 1 ppm
Manganese (Mn)	≤ 1 ppm
Melting/Freezing Point	121 – 123 °C
Mercury (Hg)	≤ 0.5 ppm
Molecular weight	122.12



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TYPICAL PROPERTIES *(continue)*

Odor	Slightly aromatic
Phenols	≤ 10 ppm
Specific Gravity @ 20°C	1.321
Sulfur compounds (as S)	≤ 0.002%
Vapor pressure, @20°C	0.0011 hPa
Zinc	≤ 25 ppm

REGULATORY INFORMATION

CAS Registration Numbers:	65-85-0
EINECS Numbers:	200-618-2

CONTACT INFORMATION

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