

Product Data Sheet

Benzoic Acid	Version 2
Ultra Pure Flake	05/17/2022

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 flake	
Assay	99.5%	min
Color, APHA	50	max
Moisture	0.1%	max
Residue (ash) on ignition	0.05%	max
Melting Point	120°C	min
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)	≤ 2 ppm	
Manganese (Mn)	≤ 1 ppm	
Melting/Freezing Point	121 – 125 °C	
Mercury (Hg)	≤ 0.5 ppm	
Molecular weight	122.12	

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TYPICAL PROPERTIES (continue)

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

REGULATORY INFORMATION

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

CONTACT INFORMATION

Customer Service

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05/2022

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