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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Benzoic Acid
Ultra Pure Flake

TYPICAL PROPERTIES (continue)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Slightly aromatic</td>
</tr>
<tr>
<td>Phenols</td>
<td>≤ 10 ppm</td>
</tr>
<tr>
<td>Specific Gravity @ 20°C</td>
<td>1.321</td>
</tr>
<tr>
<td>Sulfur compounds (as S)</td>
<td>≤ 0.002%</td>
</tr>
<tr>
<td>Vapor pressure, @20°C</td>
<td>0.0011 hPa</td>
</tr>
<tr>
<td>Zinc</td>
<td>≤ 25 ppm</td>
</tr>
</tbody>
</table>

REGULATORY INFORMATION

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

CONTACT INFORMATION

Customer Service 1-877-847-8351
Velsicol Chemical LLC
10400 W Higgins Road, Suite 303, Rosemont, IL 60018
www.Velsicol.com

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