

## SAFETY DATA SHEET

Creation Date 01-May-2012

Revision Date 17-Jan-2018

Revision Number 5

### 1. Identification

<b>Product Name</b>	<b>Benzoic acid</b>
<b>Cat No. :</b>	<b>A63-500; A65-500; A68-30</b>
<b>CAS-No</b>	65-85-0
<b>Synonyms</b>	Benzenecarboxylic acid; Benzenemethanoic acid; Phenylcarboxylic acid; Phenylformic acid; Benzeneformic acid; Carboxybenzene
<b>Recommended Use</b>	

**Precautionary Statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product

**Response**

Get medical attention/advice if you feel unwell

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**Storage**

Store in a well-ventilated place. Keep container tightly closed

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None identified

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Benzoic acid	65-85-0	>95

### 4. First-aid measures

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Immediate medical attention

**Flash Point** 121 °C / 249.8 °F

**Method -** No information available

**Autoignition Temperature** 570 °C / 1058 °F

**Explosion Limits**

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Dust can form an explosive mixture in air. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products**

Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>)

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

## 9. Physical and chemical properties

### Physical State

<b>Irritation</b>	Risk of serious damage to eyes Irritating to skin												
<b>Sensitization</b>	No information available												
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.												
<b>Component</b> Benzoic acid	<table> <thead> <tr> <th>CAS-No</th> <th>IARC</th> <th>NTP</th> <th>ACGIH</th> <th>OSHA</th> <th>Mexico</th> </tr> </thead> <tbody> <tr> <td>65-85-0</td> <td>Not listed</td> <td>Not listed</td> <td>Not listed</td> <td>Not listed</td> <td>Not listed</td> </tr> </tbody> </table>	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico	65-85-0	Not listed	Not listed	Not listed	Not listed	Not listed
CAS-No	IARC	NTP	ACGIH	OSHA	Mexico								
65-85-0	Not listed	Not listed	Not listed	Not listed	Not listed								
<b>Mutagenic Effects</b>	Not mutagenic in AMES Test												
<b>Reproductive Effects</b>	No information available.												
<b>Developmental Effects</b>	No information available.												
<b>Teratogenicity</b>	No information available.												
<b>STOT - single exposure</b>	None known												
<b>STOT - repeated exposure</b>	Lungs												
<b>Aspiration hazard</b>	No information available												
<b>Symptoms / effects,both acute and delayed</b>	No information available												
<b>Endocrine Disruptor Information</b>	No information available												
<b>Other Adverse Effects</b>	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.												

## 12. Ecological information

### Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Benzoic acid	EC50: = 5 mg/L, 3h (Anabaena inaequalis)	LC50: = 180 mg/L, 96h (Gambusia affinis)		

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## 15. Regulatory information

### International Inventories

Component	TSCA	DSL
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**Other International Regulations**

Mexico - Grade No information available

**16. Other information**

<b>Prepared By</b>	Regulatory Affairs Thermo Fisher Scientific Email: EMSDS.RA@thermofisher.com
<b>Creation Date</b>	01-May-2012
<b>Revision Date</b>	17-Jan-2018
<b>Print Date</b>	17-Jan-2018
<b>Revision Summary</b>	This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**