

1. Identification

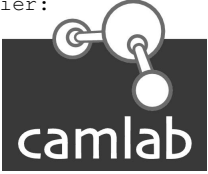
Product Code **1110787**

Product Name **BENZOIC ACID pure**

Molecular Formula **C₆H₅COOH =122.12**

CAS Number **65-85-0**

Supplier: **CAMLAB LIMITED**
Norman Way Industrial Estate
Over
Cambridge
England
CB4 5WE



Phone **01954 233110**


Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**
24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Benzoic Acid	65-85-0	200-618-2	99.0%	Xi : R36/37	N/A

3. Hazards Identification



Irritating to eyes and respiratory system.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes.

Extinguishing Media Water spray, foam, dry powder or carbon dioxide.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Enviromental Presents no major environmental hazard.

Major Spillage Shovel/sweep up into container for removal Wash area down with detergent and copious amounts of water.

6. Accidental Release Measures (continued)

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.
 Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

Storage Conditions Well ventilated, cool, dry storage .

8.1 Workplace Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.

Hands Wear gloves.

Eyes Use chemical splash proof glasses or goggles.

Skin Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance White flakes.
Odour No specific odour.
pH 3 (In solution)
Boiling point 249.0 °C
Melting point 122.0 °C
Flash point 121.0 °C(Closed cup)
Upper Flammable Limit Not available
Lower Flammable Limit Not available
Auto Ignition 574.0 °C
Explosive properties No.
Oxidising Properties No.
Vapour Pressure Not available
Relative Density 1.3200
Water Solubility 0.29%

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid No specific conditions.

Materials to Avoid Strong oxidising agents. Reducing agents. Alkalis. Aqueous solutions react attack many metals with liberation of flammable hydrogen gas.

Hazardous
Decomposition Products May produce hazardous fumes if involved in a fire.

11. Toxicological Information

Eyes Contact with the solid or dust may cause severe irritation.

Skin Contact with the solid or dust may be irritating to the skin.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest Oral rat 4000mg/Kg

Inhalation Inhalation of dust may produce irritation of the eyes, nose, throat and respiratory tract.

11. Toxicological Information (continued)

Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

Small amounts present no specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste. Dispose of to a licensed land fill site.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

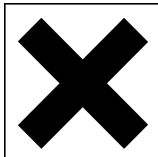
14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	121.0 °C(Closed cup)
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling Classification Irritant.

Label Symbols Xi



Risk & safety Phrases Irritating to eyes and respiratory system. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

EEC Number 200-618-2

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 19/04/00.

Data reviewed and PDF file generated: 17/03/10.

Copyright 2010 Camlab Limited.