

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/0508-CH

Product Name **PHENOLPHTHALEIN pure**

Molecular Formula $\text{OCOC}_6\text{H}_4\text{C}(\text{C}_6\text{H}_4\text{OH})_2$ 318.33

CAS Number 77-09-8

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)
Phenolphthalein	77-09-8	201-004-7	> 95.0%	None	N/A

3. Hazards Identification

Not considered harmful

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. Remove contaminated clothing immediately and wash before re-use. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. If conscious give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Combustible, but presents no special fire fighting hazards.

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.

Environmental Presents no major environmental hazard.

Major Spillage Shovel/sweep up into container for removal Wash area down with 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 powder.
Odour No specific odour.
pH Not available
Boiling point Not available
Melting point 260.0 °C
Flash point Not available
Upper Flammable Limit Not available
Lower Flammable Limit Not available
Auto Ignition Not available
Explosive properties No.
Oxidising Properties No.
Vapour Pressure 0.11 hPa @ 25C
Relative Density Not available
Water Solubility Practically insoluble in water.

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid No specific conditions.

Materials to Avoid Strong oxidising agents.

Hazardous None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide.

Decomposition Products

11. Toxicological Information

Eyes Contact with the solid or dust will be irritating to the eyes.

Skin Prolonged or repeated exposure may cause irritation and dermatitis.

LD50 Skin Not available

Ingest May be harmful by ingestion. Used medicinally as a purgative in doses up to 300mg.
Overdoses have proved fatal.

LD50 Ingest Not available

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

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	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling Classification	None
Label Symbols	None
Risk & safety Phrases	None
EEC Number	201-004-7

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.

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