

# Camlab Limited – Material Safety Data Sheet

## 1. Identification


Product Code CC\0946-CO

Product Name **CALCIUM CHLORIDE 6H<sub>2</sub>O pure**

Molecular Formula **CaCl<sub>2</sub>.6H<sub>2</sub>O =219.08**

CAS Number **7774-34-7**

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



Phone **01954 233110**

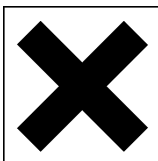
Fax **01954 233101**

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)
Calcium chloride	7774-34-7	233-140-8	> 50.0%	Xi : R36	N/A

## 3. Hazards Identification



Irritating to eyes.

## 4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. 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. Do not induce vomiting. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

## 5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

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 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       Store in a dry place protected against moisture and water.

## 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                Colourless crystals or white powder.  
Odour                        No specific odour.  
pH                             14 (10% solution)  
Boiling point                Not available  
Melting point                30.0 °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            Not available  
Relative Density            1.6800 °C  
Water Solubility            Very soluble in water.

## 10. Stability & Reactivity

Chemical Stability         Stable under normal conditions

Conditions to Avoid        No specific conditions.

Materials to Avoid         No specific materials to avoid.

Hazardous                 May produce hazardous fumes if involved in a fire.

Decomposition Products

## 11. Toxicological Information

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

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

LD50 Skin                 Not available

Ingest                        Presents no significant hazard by ingestion. Ingestion of large amounts may produce nausea, abdominal discomfort, vomiting and diarrhoea.

LD50 Ingest                Not available

Inhalation                 Inhalation of dust will 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.
Contaminated Packaging	Wash out containers with water.

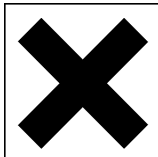
## 14. Transport Information

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 Irritant.

Label Symbols Xi



Risk & safety Phrases Irritating to eyes. Keep out of reach of children. Do not breath dust. Avoid contact with skin.

EEC Number 233-140-8

## 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: 11/11/02.

Data reviewed and PDF file generated: 19/07/07.

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