

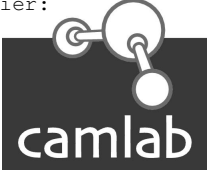
## 1. Identification

Product Code **1111028**

Product Name **SODIUM SILICATE POWDER pure**

CAS Number **6834-92-0**

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



Phone **01954 233110**

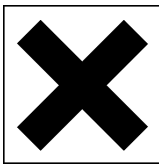
Fax **01954 233101**

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)
SODIUM SILICATE POWDER pure	6834-92-0	215-687-4	100.0%	Xi : R41,R37/38	N/A

## 3. Hazards Identification



Risk of serious damage to eyes. Irritating to respiratory system and skin.

## 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. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

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

Unsuitable Media Nothing specified.

## 6. Accidental Release Measures

Personal Protection Presents no major hazards.

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 below the recommended limits.

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 crystalline powder.  
Odour                      No specific odour.  
pH                          12 (in solution)  
Boiling point              Not available  
Melting point              Not available  
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          Not available  
Water Solubility          Slightly 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  
Decomposition Products    May produce hazardous fumes if involved in a fire.

## 11. Toxicological Information

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

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

LD50 Skin                Not available

Ingest                     Ingestion will cause gastrointestinal irritation.

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

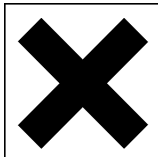
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling Classification Irritant.

Label Symbols

Xi



Risk & safety Phrases Risk of serious damage to eyes. Irritating to respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.

EEC Number 215-687-4

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

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