

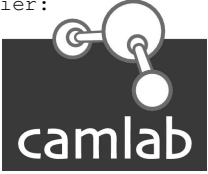
## 1. Identification

Product Code **1110646**

Product Name **SODIUM HYDROGEN SULPHATE ANHYDROUS pure**

Molecular Formula **NaHSO<sub>4</sub> =120.06**

CAS Number **7681-38-1**

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

Phone **01954 233110**

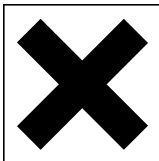
Fax **01954 233101**

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 hydrogen sulphate	7681-38-1	231-665-7	> 95.0%	Xi : R41	N/A

## 3. Hazards Identification



Risk of serious damage 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. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion If conscious give plenty of water to drink. 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 Use approved personal protective equipment. Do not allow other people to enter area. Beware : aqueous solutions are highly acidic.

Environmental Keep non-neutralised material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

## 6. Accidental Release Measures (continued)

Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
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 crystalline powder or granules.
Odour	No specific odour.
pH	1 (10% solution)
Boiling point	Not available
Melting point	186.0 °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	2.4350 °C
Water Solubility	28.6%

## 10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Alkalis. Aqueous solutions react attack many metals with liberation of flammable hydrogen gas.
Hazardous Decomposition Products	Liberates toxic and acidic dense white fumes of sulphur dioxide.

## 11. Toxicological Information

Eyes	The solid and solutions will cause conjunctival irritation and corneal damage.
Skin	The solid and solutions will be irritating to the skin.
LD50 Skin	Not available
Ingest	Causes severe corrosion of the mouth, throat and gastro-intestinal tract.
LD50 Ingest	Not available

## 11. Toxicological Information (continued)

Inhalation	Inhalation of dust will produce severe irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

## 12. Ecological

Neutralised material presents no specific environmental hazard. Dangerous to aquatic life as it forms very acidic solutions.

## 13. Disposal Considerations

Disposal Methods	Dilute in a large excess of water and carefully neutralise with soda ash, then wash to drain with copious amounts of water.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

## 14. Transport Information

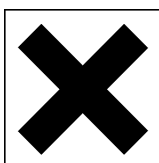
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling	Irritant.
Classification	

Label Symbols

Xi



Risk & safety Phrases	Risk of serious damage to eyes. Keep out of reach of children. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
-----------------------	---

EEC Number	231-665-7
------------	-----------

## 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.

Revision Date: 7/02/07.

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

Copyright 2010 Camlab Limited.