

# Camlab Limited – Material Safety Data Sheet


## 1. Identification

Product Code CC/2011-DH

Product Name **SULPHURIC ACID N/50 (0.01M) A.R.**

CAS Number **7664-93-9**

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)
Sulphuric acid	7664-93-9	231-639-5	0.1%	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. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water.

## 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 Use approved personal protective equipment. Evacuate area immediately. Do not allow general use of area until it is safe to do so.

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.

Major Spillage Contain and absorb on inert material. Transfer absorbent to salvage 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 vapours. Do not allow to contaminate clothing.

                                  Ensure Local Exhaust Ventilation maintains vapour 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            Use L.E.V. or natural ventilation to maintain vapour concentrations below exposure limits. If not, use a well maintained chemical cartridge respirator, or use self contained breathing apparatus.

Hands                    Wear gloves.

Eyes                     Use chemical splash proof glasses or goggles.

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

## 9. Physical & Chemical Properties

Appearance            Clear colourless liquid.

Odour                    Odourless.

pH                        1 @ 20 °C

Boiling point          Aqueous solution

Melting point          Aqueous solution

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        1.0003 °C

Water Solubility        Completely miscible in water.

## 10. Stability & Reactivity

Chemical Stability      Stable under normal conditions

Conditions to Avoid    No specific conditions.

Materials to Avoid      Alkalis.

Hazardous                None unusual.

Decomposition Products

## 11. Toxicological Information

Eyes                     The liquid may be irritating to the eyes.

Skin                      Presents no significant hazard by skin contact.

LD50 Skin                Not available

Ingest                    Presents no significant hazard by ingestion.

LD50 Ingest              Not available

## 11. Toxicological Information (continued)

Inhalation	Presents no significant health hazard by inhalation.
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	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	None
Classification	
Label Symbols	None
Risk & safety Phrases	Avoid contact with eyes.
EEC Number	231-639-5

## 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: 13/08/96. Data reviewed and PDF file generated: 19/07/07. Copyright 2007 Camlab Limited.
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