


**1. Identification**

Product Code 1111629

Product Name SILVER NITRATE SOLUTION 2% w/v

CAS Number 7761-88-8

Supplier: **CAMLAB LIMITED**  
  
 Norman Way Industrial Estate  
 Over  
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**2. Composition**

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Silver compounds, as Silver	7761-88-8	231-835-9	2.0%	R34,R50/53	WEL

**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.

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 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.

Minor Spillage Wash area down with copious amounts of water.

## 7. Storage & Handling

Handling Precautions No specific precautions.

## 8.1 Workplace Exposure Limits

Component	CAS No	Workplace Exposure Limits				Maximum Exposure Limits			
		Long Term		Short Term		Long Term		Short Term	
		ppm	mg m <sup>-3</sup>	ppm	mg m <sup>-3</sup>	ppm	mg m <sup>-3</sup>	ppm	mg m <sup>-3</sup>
Silver compounds, as Silver	7761-88-8	-	0.0100	-	-	-	-	-	-

## 8.2 Personal Protection

Respiratory Presents no significant inhalation health hazard.

Hands Use nitrile gloves or PVC gauntlets.

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 No specific odour.

pH Not available

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 Negligible

Relative Density 1.0150 °C

Water Solubility Completely soluble in water.

## 10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid Exposure to light.

Materials to Avoid No specific materials to avoid.

Hazardous None.

Decomposition Products

## 11. Toxicological Information

Eyes The liquid may be mildly irritating to the eye.

Skin Causes blue/grey discolouration of the skin.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest Not available

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

Silver salts are harmful to the environment.

## 13. Disposal Considerations

Disposal Methods Silver compounds are regarded as special waste and hence must go for controlled disposal.  
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	231-853-9

## 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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