

Material Safety Data Sheet

SILVER NITRATE SOLUTION 0.1N

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

- 1. Identification**
 Chemical Description Silver Nitrate Solution (0.1N)
- 2. Composition**
 Silver Nitrate CAS No. 7761-88-8 0.4-5% aqueous solution
- 3. Hazards Identification**
 Health Hazard Not regarded as a health hazard under current legislation
- 4. First Aid Measures**
 - Eye Contact
 - Irrigate thoroughly with water. If discomfort persists obtain medical attention
 - Inhalation
 - Remove from exposure
 - Skin Contact
 - Wash off skin thoroughly with soap & water
 - Ingestion
 - Wash out mouth thoroughly with water. Induce vomiting. Obtain medical attention
- 5. Fire Fighting Measures**
 Extinguishing Media This material is not combustible. Use extinguishing media appropriate for surrounding fire.
- 6. Accidental Release Measures**
 Wear appropriate protective clothing. If local regulations permit mop up with water and run to waste. Otherwise transfer to container and arrange removal by disposal company
- 7. Handling and Storage**
 Store in cool dry place. Protect from light.
- 8. Exposure controls / Personal Protection (as appropriate to quantities handled)**

Protective Equipment	Goggles or face-shield, rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities		
Respiratory Protection	Not applicable		
Ventilation	Not applicable		
- 9. Physical and Chemical Properties**

Appearance/Form	Colourless Liquid		
Melting Point	n/a		
Flash Point (degC)	n/a		
Boiling Point	n/a		
Auto-ignition Temp. (degC)	n/a		
Solubility in water	Miscible in all proportion		
- 10. Stability and Reactivity**

Stability	Stable		
Reaction with Water	None		
Other Known Hazards	No data		

Avoid direct sunlight. Strong reducing agents, strong alkalis, bromides, carbonates, antimony salts.
- 11. Toxicological information**

Toxicity	May cause irritation to respiratory system, gastrointestinal symptoms and irritation to eyes.		
Carcinogenicity	No evidence of carcinogenic properties		
Mutagenicity	No evidence of mutagenic effects		
Exposure Limits	Not assigned		
- 12. Ecological Information**
 No hazard expected if handled and disposed of with due care
- 13. Disposal Considerations**
 Dispose of in accordance with local authority requirements or pass to chemical disposal company
- 14. Transportation Information**

Correct Technical Name	Not Restricted	UN No	Not Classified
IMDG	Not Classified	IATA	Not Classified
IMO	Not Classified	ADR/RID	Not Classified
- 15. Regulatory Information**

Symbol	None		
Risk Phrases	Not Classified		
Safety Phrases	Not Classified		
UK Exposure Limits	None assigned		

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

Disclaimer

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

Refer Scientific
Hareburn Terrace
Blackdog
Aberdeen
UK
AB23 8BE

Rev Date 01.08.07