

## Material Safety Data Sheet

# SILVER NITRATE SOLUTION 0.0282N/0.282N

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 Aqueous
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
Auto-ignition Temp (degC)	n/a
Solubility in water	Miscible in all proportion
Flash Point (degC)	n/a
Boiling Point	n/a
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 symptom, sand 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
IATA	Not Classified
IMO	Not Classified
ADR/RID	Not Classified
IMDG	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.

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