

**SAFETY DATA SHEET**  
SILVER NITRATE SOLUTION N/50

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Danum Laboratory Services  
2 Duncroft Grove  
Rossington  
Doncaster DN11 0UL  
Tel: 01302 864668  
Fax: 01302 860880

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** SILVER NITRATE SOLUTION N/50

**Product code:** SNN50

**Use / description of product:** Liquid. No significant hazard.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** No symptoms.

**Eye contact:** No symptoms.

**Ingestion:** No symptoms.

**Inhalation:** No symptoms.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Wash off thoroughly with soap and water.

**Eye contact:** Bathe in Water

**Ingestion:** wash out mouth with water

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide.

**Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Contain the spillage using bunding.

**Clean-up procedures:** Wash the spillage site with large amounts of water. Wash down the drain with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

[cont...]

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SILVER NITRATE SOLUTION N/50**TWA (8 hr exposure limit):** 0.01 Ag**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Colourless**Odour:** Odourless**Viscosity:** Non-viscous**Oxidising:** Non-oxidising (by EC criteria)**Evaporation rate:** Slow**Solubility in water:** Miscible in all proportions**pH:** 6-7**10. STABILITY AND REACTIVITY****Stability:** Stable at room temperature.**Conditions to avoid:** Direct sunlight. Heat.**Materials to avoid:** Oxidising agents.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Persistence and degradability:** Biodegradable in part only.**Bioaccumulative potential:** Bioaccumulation potential.**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil-based organisms.**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Flush liquors to drain, local regulations permitting, or send to a waste water treatment plant.**Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** : non hazardous**IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Safety phrases:** S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's

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attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. ADDITIONAL INFORMATION**

**Additional information:** The information contained within this MSDS is based on bulk quantities. The user should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.