

## **AMMONIACAL SILVER NITRATE SOLUTION, S114**

### **MSDS Number**

BXDWC

### **National Stock Number**

6810-00N057941

### **Product Name**

AMMONIACAL SILVER NITRATE SOLUTION, S114

### **Manufacturer**

POLY SCIENTIFIC R AND D CORP

### **Product Identification**

Product ID:AMMONIACAL SILVER NITRATE SOLUTION, S114

MSDS Date:08/22/1991

FSC:6810

NIIN:00N057941

MSDS Number: BXDWC

### **Responsible Party**

POLY SCIENTIFIC R&D CORP

70 CLEVELAND AVE

BAY SHORE , NY 11706

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 516-586-0400

Cage: 67458

### **Contractor**

POLY SCIENTIFIC R&D CORP.

BAY SHORE, NY 11706

US

516-586-0400

Cage: 67458

### **Ingredients**

1); (SILVER NITRATE) (SARA 313)

CAS: 7761-88-8

RTECS: VW4725000

OSHA PEL0.01 MG/M3 (AG)

ACGIH TLV: 0.01 MG/M3 (AG)

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

(ORAL,RAT) 350 MG/KG.

CAS: 1336-21-6

RTECS: BQ9625000

OSHA PEL35 PPM (MFR)

ACGIH TLV: 25 PPM (MFR)

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

(ORAL,RAT) 273 MG/KG.

CAS: 1310-58-3

RTECS: TT2100000

OSHA PEL2 MG/M3, C

ACGIH TLV: 2 MG/M3, C

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITATION, ULCERATION & DISCOLORATION OF SKIN. INGESTION WILL PRODUCE GASTRO ENTERITIS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

## First Aid

First Aid:INHAL:REMOVE TO FRESH AIR, PROVIDE OXYGEN, GET MEDICAL ATTENTION. EYES:FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN:WASH PROMPTLY W/COPIOUS AMOUNTS OF WATER. INGEST:GET MEDICAL ATTENTION. VIOLENT PAIN MAY RESULT.

## Fire Fighting

Extinguishing Media:WATER SPRAY, FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE & EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME. MAY BE VIOLENT OR AMMONIA MAY FORM SHOCK SENSITIVE COMPOUNDS.

## Accidental Release

Spill Release Procedures:ISOLATE & REMOVE SPILLED MATERIAL W/ABSORBENT VERMICULITE & CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:CLOSE CONTAINER TIGHTLY. STORE AT 4C IN REFRIGERATOR. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST: YES. MECHANICAL (GENERAL): HOOD.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES .

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER MEET ANSI DESIGN CRITERIA , APRON.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

Evaporation Rate & Reference:>1

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID; AMMONIACAL (PUNGENT) ODOR.

## **Stability**

Stability Indicator/Materials to Avoid:YES

ACIDS, BASES, ANTIMONY SALTS, ARSENITES, BROMIDES, IODIDES, FERROUS SALTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SILVER NITRATE REDUCES TO HYDROGEN SULFIDE IN THE DARK.

## **Disposal**

Waste Disposal Methods:WASTE DISPOSAL METHODS COMPLIANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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