

MATERIAL SAFETY DATA SHEET**SILVER NITRATE**

Section 1 - Product and Company Identification
SILVER NITRATE

Product Identification: SILVER NITRATE**Date of MSDS:** 01/01/1987 **Technical Review Date:** 10/24/1991**FSC:** 6810 **NIIN:** 00-233-0124**Submitter:** D DG**Status Code:** C**MFN:** 01**Article:** N**Kit Part:** N**Manufacturer's Information****Manufacturer's Name:** D.F.GOLDSMITH CHEMICAL & METAL CORP.**Manufacturer's Address1:** 909 PITNER AVE.**Manufacturer's Address2:** EVANSTON, IL 60202**Manufacturer's Country:** US**General Information Telephone:** 312-869-7800**Emergency Telephone:** 312-869-7800**Emergency Telephone:** 312-869-7800**MSDS Preparer's Name:** N/P**Proprietary:** N**Reviewed:** Y**Published:** Y**CAGE:** 27368**Special Project Code:** N**Item Description****Item Name:** SILVER NITRATE,ACS**Item Manager:** S9G

Specification Number: O-C-265
Type/Grade/Class: NONE
Unit of Issue: BT **Quantitative Expression:** 00000000500GM
Unit of Issue Quantity: G
Type of Container: PPP-C-186

Contractor Information

Contractor's Name: D.F.GOLDSMITH CHEMICAL & METAL CORP.
Contractor's Address1: 909 PITNER AVE.
Contractor's Address2: EVANSTON, IL 60202
Contractor's Telephone: 312-869-7800
Contractor's CAGE: 27368

Contractor Information

Contractor's Name: INLAND PACKAGING INC
Post Office Box: 644
Contractor's Address1: 209 PETERSON DR
Contractor's Address2: ELIZABETHTOWN, KY 42701-9804
Contractor's Telephone: 502-737-6757
Contractor's CAGE: 66172

Section 2 - Compositon/Information on Ingredients
SILVER NITRATE

Ingredient Name: SILVER NITRATE (SARA III)
Ingredient CAS Number: 7761-88-8 **Ingredient CAS Code:** M
RTECS Number: VW4725000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: 100
% Enviromental Weight:
Other REC Limits: N/P
OSHA PEL: 0.01 MG AG/M3 **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: 0.01 MG AG/M3; 9192 ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity: 1 LB

DOT Reporting Quantity: 1 LB

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
SILVER NITRATE

Health Hazards Acute & Chronic: N/P

Signs & Symptoms of Overexposure:

INGEST-POISON;BURNS EYES & SKIN.

Medical Conditions Aggravated by Exposure:

N/P

LD50 LC50 Mixture: N/P

Route of Entry Indicators:

Inhalation: N/P

Skin: N/P

Ingestion: N/P

Carcenogenicity Indicators

NTP: N/P

IARC: N/P

OSHA: N/P

Carcinogenicity Explanation: N/P

Section 4 - First Aid Measures
SILVER NITRATE

First Aid:

INGEST-IMMED CALL PHYSICIAN.EYE-FLUSH W/WATER & SEE DOCTOR.SKIN-FLUSH WELL W/WATER.

Section 5 - Fire Fighting Measures
SILVER NITRATE

Fire Fighting Procedures:

MFR SHOWS NONE

Unusual Fire or Explosion Hazard:

MFR SHOWS NONE

Extinguishing Media:

NONE SHOWN BY MFR;USE MEDIA APPROPRIATE FOR SURROUNDNG FIRE

Flash Point: Flash Point Text: N/R

Autoignition Temperature:

Autoignition Temperature Text: N/K

Lower Limit(s): N/K

Upper Limit(s): N/K

Section 6 - Accidental Release Measures

SILVER NITRATE

Spill Release Procedures:

MFR CITES NONE;WEAR PROPER PROTECTION;SWEEP UP CRYSTALS & PLACE IN PROPER CONTAINER

Section 7 - Handling and Storage

SILVER NITRATE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection

SILVER NITRATE

Repiratory Protection:

NO SPECIAL REQMENTS UNDER ORDINARY CONDITIONS/ADEQUATE VENTILATION

Ventilation:

MECH.(GEN)/LOCAL EXHAUST THAT PROVIDES PROPER VENTILATION

Protective Gloves:

FOR ALL CONTACT

Eye Protection: GOGGLES MANDATORY

Other Protective Equipment: PROPER PROTECTIVE CLOTHING,SAFETY SHOWER,EYE-WASH STATION

Work Hygenic Practices: N/P

Supplemental Health & Safety Information: MSDS UNDATED;

Section 9 - Physical & Chemical Properties

HCC: D1

NRC/State License Number: N/R

Net Property Weight for Ammo: N/R

Boiling Point: Boiling Point Text: N/R

Melting/Freezing Point: Melting/Freezing Text: N/A

Decomposition Point: Decomposition Text: N/A

Vapor Pressure: N/R Vapor Density: N/R

Percent Volatile Organic Content:

Specific Gravity: 4.35

Volatile Organic Content Pounds per Gallon:

pH: N/P

Volatile Organic Content Grams per Liter:

Viscosity: N/R

Evaporation Weight and Reference: N/K

Solubility in Water: HIGH

Appearance and Odor: COLORLESS,ODORLESS,TRANSPARENT OR WHITE CRYSTALS

Percent Volatiles by Volume: N/K

Corrosion Rate: N/P

Section 10 - Stability & Reactivity Data
SILVER NITRATE

Stability Indicator: YES

Materials to Avoid:

FLAMMABLES;OXIDIZERS

Stability Condition to Avoid:

LIGHT

Hazardous Decomposition Products:

MFR CITES NONE

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

WILL NOT POLYMERIZE

Section 11 - Toxicological Information
SILVER NITRATE

Toxicological Information:

N/P

Section 12 - Ecological Information
SILVER NITRATE

Ecological Information:

N/P

Section 13 - Disposal Considerations**SILVER NITRATE**

Waste Disposal Methods:

MFR CITES NONE.NOTE THE PRESENCE OF "AG" IN PRODUCT. RECOVERY OF PRECIOUS METAL SHOULD BE CONSIDERED PRIOR TO DISPOSAL.

Section 14 - MSDS Transport Information**SILVER NITRATE**

Transport Information:

N/P

Section 15 - Regulatory Information**SILVER NITRATE**

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information**SILVER NITRATE**

Other Information:

N/P

HMIS Transportation Information**Product Identification:** SILVER NITRATE**Transportation ID Number:** 58438**Responsible Party CAGE:** 27368**Date MSDS Prepared:** 01/01/1987**Date MSDS Reviewed:** 11/13/1986**MFN:** 11/13/1986**Submitter:** D DG**Status Code:** C**Container Information****Unit of Issue:** BT

Container Quantity: G
Type of Container: PPP-C-186
Net Unit Weight: 1 LB

Article without MSDS: N
Technical Entry NOS Shipping Number:
Radioactivity: N/R
Form:
Net Explosive Weight: N/R
Coast Guard Ammunition Code: N/R
Magnetism: N/P
AF MMAC Code: NO
DOD Exemption Number: N/R
Limited Quantity Indicator:
Multiple Kit Number: 0
Kit Indicator: N
Kit Part Indicator: N
Review Indicator: Y
Additional Data:
RQ-1 LB

Department of Transportation Information

DOT Proper Shipping Name: SILVER NITRATE
DOT PSN Code: NBI
Symbols:
DOT PSN Modifier:
Hazard Class: 5.1
UN ID Number: UN1493
DOT Packaging Group: II
Label: OXIDIZER
Special Provision(s):
Packaging Exception: 152
Non Bulk Packaging: 212
Bulk Packaging: 242
Maximum Quantity in Passenger Area: 5 KG
Maximum Quantity in Cargo Area: 25 KG
Stow in Vessel Requirements: A
Requirements Water/Sp/Other:

IMO Detail Information

IMO Proper Shipping Name: SILVER NITRATE
IMO PSN Code: NMD
IMO PSN Modifier:
IMDG Page Number: 5177

UN Number: 1493
UN Hazard Class: 5.1
IMO Packaging Group: II
Subsidiary Risk Label: -
EMS Number: 5.1-06
Medical First Aid Guide Number: 235

IATA Detail Information

IATA Proper Shipping Name: SILVER NITRATE
IATA PSN Code: WHU
IATA PSN Modifier:
IATA UN Id Number: 1493
IATA UN Class: 5.1
Subsidiary Risk Class:
UN Packaging Group: II
IATA Label: OXIDIZER
Packaging Note for Passengers: 508
Maximum Quantity for Passengers: 5KG
Packaging Note for Cargo: 511
Maximum Quantity for Cargo: 25KG
Exceptions:

AFI Detail Information

AFI Proper Shipping Name: SILVER NITRATE
AFI Symbols:
AFI PSN Code: WHU
AFI PSN Modifier:
AFI UN Id Number: UN1493
AFI Hazard Class: 5.1
AFI Packing Group: II
AFI Label:
Special Provisions: P5
Back Pack Reference: A9.8

HAZCOM Label Information

Product Identification: SILVER NITRATE
CAGE: 27368
Assigned Individual: N
Company Name: D.F.GOLDSMITH CHEMICAL & METAL CORP.
Company PO Box:
Company Street Address1: 909 PITNER AVE.
Company Street Address2: EVANSTON, IL 60202 US
Health Emergency Telephone: 312-869-7800
Label Required Indicator: Y
Date Label Reviewed: 12/16/1998
Status Code: C

Manufacturer's Label Number:

Date of Label: 12/16/1998

Year Procured: N/K

Organization Code: F

Chronic Hazard Indicator: N/P

Eye Protection Indicator: N/P

Skin Protection Indicator: N/P

Respiratory Protection Indicator: N/P

Signal Word: N/P

Health Hazard:

Contact Hazard:

Fire Hazard:

Reactivity Hazard:

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