

FISHER SCIENTIFIC CO CHEMICAL DIV. -- SILVER NITRATE -- 6810-01-448-7142

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Product Identification  
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Product ID:SILVER NITRATE

MSDS Date:07/03/1997

FSC:6810

NIIN:01-448-7142

MSDS Number: CFMWT

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-71

00 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients  
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Ingred Name:SILVER NITRATE (SARA 313) (CERCLA)

CAS:7761-88-8

RTECS #:VW4725000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.01 MG(AG)/M3

ACGIH TLV:0.01 MG(AG)/M3; 9596

EPA Rpt Qty:1 LB

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 50 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION-MAY CAUSE SEVERE IRRITATION TO MUCOUS MEMBRANES. SKIN-MAY CAUSE SEVERE IRRITATION. EYE-MAY CAUSE SEVERE IRRITATION. CHRONIC: INHALATION, SKIN & INGESTION-MAY CAUSE ARSYRIA.

Explanation of Carci

nogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION-SORE THROAT, COUGHING & SHORTNESS OF BREATH. SKIN-REDNESS, PAIN, ULCERATION & DISCOLORATION. EYE-REDNESS, PAIN, BURNS & POSSIBLY DISCOLORATION. INGESTION-MAY CAUSE PAIN & BURNING IN THE MOUTH, THROAT & EPIGASTRIUM, SALIVATION, VIOLENT ABDOMINAL PAIN, BLACK VOMITUS, DIARRHEA, SHOCK, VERTIGO, COMA & DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:INHALATION-REMOVE TO FRESH AIR IMMEDIATELY. IF STOPPED BREATHING, PERFORM CPR. MAINTAIN AIRWAY & BLOOD PRESSURE & GIVE OXYGEN IF CAN. SKIN-WASH AREA WITH SOAP & WATER OR MILD DETERGENT & WATER. SEE DO CTOR. EYE-WASH WITH LARGE AMOUNTS OF WATER. CONTINUE IRRIGATION WITH SALINE UNTIL PH IS NORMAL. INGESTION-DO NOT INDUCE VOMITING.

IF CONSCIOUS, GIVE 2-4 CUPS OF MILK OR WATER. SEE PHYSICIAN.

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===== Fire Fighting Measures =====  
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Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:STRONG OXIDIZER. CONTACT WITH COMBUSTIBLES MAY CAUSE A FIRE. WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN & EYES. WEAR SCBA.

Unusual Fire/Explos

ion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL CONTAINER. AVOID GENERATING DUSTY CONDITIONS. REMOVE ALL SOURCES OF IGNITION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM SOURCES OF IGNITION. DO NOT STORE NEAR C

OMBUSTIBLES. STORE IN A TIGHTLY CLOSED CONTAINER.

STORE IN A COOL, DRY, WELL-VENTILATED AREA.

Other Precautions:USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. DO NOT INGEST OR INHALE. DO NOT STORE NEAT COMBUSTIBLE MATERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:THE SPECIFIC RESPIRATOR SELECTION MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE, MUST NOT EXCEED

THE WORKING LIMITS OF THE RESPIRATOR & BE JOINTLY APPROVED BY NIOSH AND MSHA.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING & EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT.

Work Hygienic Practices:THE EMPLOYER SHOULD PROVIDE AN EYE WASH

FOUNTAIN & QUICK DRENCH SHOWER WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE.

Supplemental Safety and Health  
OXIDIZER AND CORROSIVE.

===== Physical/Chemical Properties =====

HCC:D1

Boiling Pt:B.P. Text:824F,440C

Melt/Freeze Pt:M.P/F.P Text:414F,212C

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:4.35

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:SOLUBLE

Appearance a

nd Odor:WHITE OR COLORLESS CRYSTALS, NO ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACETYLENE, AMMONIUM HYDROXIDE, AZIRIDINE, CALCIUM CARBIDE, ETHANOL,  
NITRIC ACID.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND  
PRESSURES.

Hazardous Decomposition Products:NITROGEN OXIDES, SILVER OXIDES

===== Disposal Considerations =====

Waste Disposal Methods:OBERVE ALL FEDERAL

, STATE AND LOCAL REGULATIONS

WHEN STORING OR DISPOSING OF THIS SUBSTANCE.

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