

FISHER SCIENTIFIC, CHEMICAL DIV. -- SILVER NITRATE,LAPIS INFERNALIS -- 6810-00-233-0124

===== Product Identification =====

Product ID:SILVER NITRATE,LAPIS INFERNALIS

MSDS Date:06/20/1988

FSC:6810

NIIN:00-233-0124

MSDS Number: BMCBD

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-7523

CAGE:1B464

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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

===== Composition/Information on Ingredients =====

Ingred Name:SILVER NITRATE (SARA III)

CAS:7761-88-8

RTECS #:VW4725000

Fraction by Wt: >99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.01 MG AG/M3

ACGIH TLV:0.01 MG AG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:WATER

CAS:7732-1

8-5
RTECS #:ZC0110000
Fraction by Wt: 0.2%
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 ORAL MOUSE IS 50 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-CORROSIVE.INHALE:MAY BE CAUSTIC
& IRRITATING MUCOUS MEMBRANES.ABSORPTION MAY EFFECTS THROAT,NASAL
SEPTUM & TONSILS.EYE:CAUSES SEVERE
IRRITATION,BURN
S,BLINDNESS.SKIN:IRRITATION & BURNS.ORAL:MAY C AUSE
VIOLENT
PAIN,VOMITING,DIARRHEA,CONVULSION,COMA,DEATH.CHRONIC-ARGYRIA,DISCOL
ORATION OF EYE/SKIN,BRONCHITIS.
Effects of Overexposure:CORROSIVE. MAY BE CAUSTIC & IRRITATING TO
MUCOUS MEMBRANES. ABSORPTION MAY EFFECTS THROAT, NASAL SEPTUM &
TONSILS. CAUSES SEVERE EYE IRRITATION, BURNS, BLINDNESS. CAN CAUSE
SKIN IRRITATION & BURNS. OR ALLY MAY CAUSE VIOLENT PAIN, VOMITING,
DIARRHEA, CONVULSION, COMA, DEATH.
Medical Cond
Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS OR EYE PROBLEMS OR RESPIRATORY FUNCTION MAY BE MORE
SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.EYES:FLUSH WITH WATER
FOR 15 MINUTES.HOLD EYELIDS OPEN.SKIN:WASH WITH SOAP &
WATER.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF
NECESSARY.ORAL:IF CONSCIOUS,DR INK WATER TO DILUTE.DO NOT INDUCE
VOMITING.SEE PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:USE WATER ONLY. NO HALON, CARBON DIOXIDE OR DRY
CHEMICAL. FOR LARGE FIRE, FLOOD AREA WITH WATER FROM A DISTANCE.
Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS/AVOID BREATHING FUMES/DUSTS.MOVE CONTAINER FROM FIRE AREA
IF POSSIBLE.USE UNMANNED HOSE HOLDER/LET BURN.
Unusual Fire/Explosion Hazard:METALLIC SILVER, NITROGEN A

ND OXYGEN AND
TOXIC AND HAZARDOUS OXIDES OF NITROGEN

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

Spill Release Procedures:FOR SMALL SPILLS, SWEEP UP MATERIAL, PLACE IN A CONTAINER AND HOLD FOR WASTE DISPOSAL. FOR LARGE SPILLS, DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE. REPORTABLE QUANTITY (RQ)=1 LB.

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

Handling and

Storage Precautions:STORAGE-STORE AWAY FROM

LIGHT,COMBUSTIBLES,ORGANIC/OTHER READILY OXIDIZABLE MATERIALS.

Other Precautions:MAY IGNITE OTHER COMBUSTIBLES

(WOOD,PAPER,OIL).REACTION WITH FUELS MAY BE VIOLENT.FLAMMABLE

POISONOUS GASES MAY ACCUMULATE IN TANKS.RUNOFF TO SEWER MAY CREATE

FIRE/EXPLOSION HAZARD.DO NOT GET IN EYES/ ON SKIN.DO NOT

GENERATE/BREATHE DUST.

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

Respiratory Protection:FOR CONDITIONS WHERE
EXPOSURE TO DUST OR FUMES

IS APPARENT, A NIOSH APPROVED RESPIRATOR FOR DUST MISTS AND FUMES APPROPRIATE TO THE CONCENTRATION MAY BE WORN. IN EMERGENCY, WEAR SELF-CONTAINED BREATHING APPARATUS OPERATED IN + PRESSURE.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:CHEMICAL RESISTANT GLOVES/RUBBER

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING

AND EQUIPMENT, EYEWASH FOUNTAIN, EMERGENCY SHOWER

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

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

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:431F,222C

Decomp Temp:Decomp Text:831F,444C

Vapor Density:4.4

Spec Gravity:4.3

Solubility in Water:245%

Appearance and Odor:COLORLESS TRANSPARENT LARGE OR SMALL WHITE CRYSTALS
- ODORLESS

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

Stability Indicator/Materials to Avoid: YES

ALCOHOLS, ARSENIC, BROMIDES, CARBON, CHLORIDES, ETHYLENE OXIDES, HYDROGEN PEROXIDE, IODIDES, OILS, PHOSPHORUS, SULFUR, PLASTICS...

Stability Condition to Avoid: HIGH HEAT, FLAME

Hazardous Decomposition Products: METALLIC SILVER, NITROGEN AND OXYGEN AND TOXIC AND HAZARDOUS OXIDES OF NITROGEN

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

Waste Disposal Methods: DISPO

SE OF IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) REQUIRES THAT THE SPILL OF ≥ 1 LB (RQ) BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 800-424-8802.

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