filver Nitrate

DATE: 08/09/91

INDEX: 25912180273

CAT NO: S78173

PO NBR: PO068933

PO NBR: P0068933

PO CUR FROM TOPICAL AND DISCOLORATION, CRAFLY, SENSITIZATION REACTIONS MAY OCCUR FROM TOPICAL AND DISCOLORATION OF AGED, BUT NOT FRESH, SILVER NITRATE IN BURNED PRSONS. ABSORPTION OF SILVER NITRATE USED TO TREAT CHOOSE OF EXPOSURE PROLORED OR REPRATED CONTACT MAY CAUSE AGRAFIA. SIGNS AND EVEN FATAL METHEMOGLOBINEMIA. AND SYMPTOMS MAY OCCUR AS DESCRIBED IN CHRONIC INHALATION.

FIRST AID- REMOVE CONTAMINATED CLOTHING AND SYMPTOMS MAY OCCUR AS DESCRIBED IN CHRONIC INHALATION.

FIRST AID- REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH AFFECTED EVIDENCE OF CHEMICAL REMAINS (AT LEAST 15-20 MINUTES). IN CASE OF CHEMICAL ATTENTION IMMEDIATELY. BUT NOT TOO TIGHTLY. GET MEDICAL ATTENTION IMMEDIATELY. BUT NOT STEVE CONTACT:

SILVER, NITRATE: PORT OF THE STEVEL OF THE STEVE

EVE CONTACT:

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CONTACT:

ACUTE - EXPOSERE - DUST OR SOLUTIONS MAY CAUSE SEVERE IRRITATION; RECNESS;

ACUTE - EXPOSERE - DUST OR SOLUTIONS MAY CAUSE SEVERE IRRITATION; RECNESS;

ACUTE - EXPOSERE - DUST OR SOLUTION; RAPED ARACE. OF EDEMAIGE. TO EDEMAICE THE CONTACT OR SOLUTION; RAPED ARACE. OF EDEMAICE OF EDEMAICE OF CHARACE. TO EDEMAICE THE CONTACT OR SOLUTION; RAPED ARACE. OF EDEMAICE THE CONTACT OR SOLUTION; RAPED AND INTERACE IN THE CONTACT OR SOLUTION; RAPED AND INTERACE IN THE CONTACT OR SOLUTION; RAPED AND INTERACE IN THE CONTACT OR SOLUTION; RAPED AND INTERACT OR SOLUTION; RAPED AND INTERACTORS AND THE CORNEA TO BECOME CONTACT MAY CAUSE THE LEAN TO BECOME CATARACTORS AND THE CORNEA TO BECOME CARRENOS OF THE EXPOSURE FOR HOSE THE EXPOSURE TO THE EXPOSURE FOR HOSE THE EXPOSE THE HOSE THE EXPOSE THE EXPOSE THE HOSE THE EXPOSE THE HOSE THE EXPOSE THE HOSE THE HOS

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AND LIVER AND LIVER APPLICATION TO THE GUMS HAS CAUSED NECROTIZING

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APPLICATION TO THE GUMS HAS CONVERTED TO HITRITES BY

ANY ACCITE ACCITE ACCITE TOXIC

CHRONIC EXPOSURE REPEATED INGESTION MAY CAUSE ARGYRIA. SIGNS AND SYMPTOMS

MAY OCCUR AS DESCRIBED IN CHRONIC INHALATION. REPEATED INGESTION OF MAY CAUSE ARGYRIA. SIGNS AND SYMPTOMS

NITRATES MAY CAUSE AREMIA, HEPHRITIS, AND POSSIBLY DEFINEMENTADOBINEMA.

SILVER SAITS FED. TO ANIMALS HAVE PRODUCED REVAL CHANGES AND VASCULAR

PARST, AID- IF VICTIM IS CONSCIOUS, DILUTE INGESTED SILVER NITRATE BY GIVING WATER CONTAINING SODIUM CHLORIDE, TO GLI, REPEATEDLY TO PRECIPITATE SILVER FOLSW WITHLOATHANSIS, USING 30-50 ML, OF-FLEET'S PHOSPHO-SODA DILUTED 1:4 IN WATER CONTAINING 5 GRAMS OF SODIUM CHLORIDE JO-PRECIPITATE AND REMOVE SILVER FROM THE INTESTIME. TREAT METHEMOGLOBINEMIA. (DREISBACH, HANDBOOK OF POISONING, 11TH ED.)

ANTIDOTE: THE SEVERITY OF POISONING REQUIRES ADMINISTRATION OF ANY ANTIDOTE AND THE FOLLOWING, ANTIDOTE HAS BEEN RECOMMENDED. HOWEVER, THE DECISION AS TO THE FOLLOWING, SIVERITY OF POISONING REQUIRES ADMINISTRATION OF ANY ANTIDOTE AND ACTUAL DOSE REQUIRED, SHOULD BE MADE BY QUALIFIED MEDICAL PERSONNEL

THE FOLLOWING ANTIDOTE HAS BEEN RECOMMENDED. HOWEVER, THE DECISION AS TO WHETHER THE SEVERITY OF POISONING REQUIRES ADMINISTRATION OF ANY ANTIDOTE AND ACTUAL DOSE, REQUIRED, SHOULD BE, MADE: BY QUALIFIED MEDICAL PERSONNEL.

WHETHEMOGLOBINE OF THE SAME HAVE AND THE SERVE OF SYMPTOMS.)

WHEN METHEMOGLOBIN CONCENTRATION IS OVER 25-40% OR IN PRESENCE OF SYMPTOMS.)

GIVE METHYLENE BLUE TO SOLUTION, OI ML/KG THEADENDISLY OVER A 10-MINUTE ON DECREE-OF METHYLENE BLUE. TO SOLUTION, OI ML/KG THEADENDISLY OVER A 10-MINUTE ON THEADENDISCOND

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LARGER DOSES (>500 MG) CAUSE VOMITING, DIARRHEA, CHEST PAIN, MENTA CYANOSIS, AND SWEATING, HEMOLYTIC ANEMIA HAS ALSO OCCURRED SEVERAL ADMINISTRATION. THESE EFFECTS ARE TEMPORARY, AND FATALITIES HAVE NEPORTED. IF METHYLENE BLUE IS NOT AVAILABLE, GIVE ASCORBIC ACID, SLOWLY INTRAVENOUSLY, WITHOUT TREATMENT, METHEMOGLOBINEMIA LEVELS REVERT TO NORMAL WITHIN 3 DAYS (DREISBACH, HANDBOOK OF POISONING, ANTIDOTE SHOULD BE ADMINISTERED BY QUALIFIED MEDICAL PERSONNEL.

REACTIVITY

REACTIVITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

INCOMPATIBILITIES:

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INDEX:
R NITRATE:
                  25912180273
                  CAT NO: S78173
                  PO NBR: P0068933
                               PAGE: 4
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DECÉMPOSITION: TOUR PRODUCTS MÁY INCLUDE TOXIC OXIDES OF NITROGEN.
THERMAL DECOMPOSITION PRODUCTS MÁY INCLUDE TOXIC OXIDES OF NITROGEN.
TEMPETATION
HÁZARODUS POLYMERIZATION HAS NOT BEEN REPORTED TO OCCUH UNDER NORMAL!
TEMPERATURES AND PRESSURES.

STORAGE AND DISPOSAL

CHARACTER AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE, FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE SUBSTANCE OF 18 07 17 18 10 31 APT & LOT PRESSON **STORAGE** TO THE POLY DISTRICT

PROTECT AGATNST PHYSTCAL DAMAGE. SEPARATE FROM COMBUSTIBLE, ORGANIC, OR OTHER READILY OXIDIZABLE MATERIALS (NFFA 49, HAZARDOUS CHEMICALS DATA, 1975).

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Tana Land State of

CONSULT NEFA PUBLICATION 43A, STURAGE OF LIQUID AND SOLID UXIDIZING MATERIALS, FOR STORAGE REQUIREMENTS. STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

クスさん

KEEP CONTAINER TIGHTLY CLOSED. PROTECT FROM EXPOSURE TO AIR OR LIGHT

DISPOSAL

DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS HAZARDOUS WASTE 40 CFR Z62. EPA HAZARDUS WASTE 1000 POUND CERCLA SECTION 103 REPORTABLE QUANTITY.

SILVER - REGULATORY LEVEL: 5.0 MG/L

000 005 00 00 00 00 00 00 00 00 848 888 strange of the 20 43 03 + 3c .): 302 2 2.24 25355 , i sylv ..<27.2 . 83 21 1.. REEFER 55 ٤.٠ : :: 41 . . 1-4 4504055 . . : · 33 33 43.5 per commence of 1111111 406.5 142221. : FRESTEE 382 · 3 38 - 34 242 22 for operates : Bank Jack .1 61 30 61 : : . . . -4-RESPIRE ** ** ** * * * * * * Eldegi: : 0.06.5 . 3 * 5 5 6 5 6 5 .. #

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9031 SCATAGE FOR LATER AND COLORS AND PROPERTY OF THE PROPERTY OF T 713...D 8019.YT.P.O PAS . COMPLATE LINE 3. SIPCY. FOUND 15 AND 31.40FYATA.

THIS INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THINFORMATION FOR THEIR PARTICULAR PURPOSES.

DATE: 05/02/91

EMERGENCY WASH FACILITIES:
WHERE THERE IS ANY POSSIBILITY
EXPOSED TO THIS SUBSTANCE, THE
AND QUICK DRENCH SHOWER WITHIN THAT AN EMPLOYEE'S EYES EMPLOYER SHOULD PROVIDE THE IMMEDIATE WORK AREA AND/OR SKIN MAY BE AN EYE WASH FOUNTAIN FOR EMERGENCY USE.

EYE PROTECTION:
EMPLOYEE MUST WEAR SPLASH-PROOF OR DUST-RESISTANT
FACESHIELD TO PREVENT CONTACT WITH THIS SUBSTANCE. SAFETY GOGGLES AND

CLOTHING: EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING TO PREVENT ANY POSSIBILITY OF SKIN CONTACT WITH THIS SUBSTANCE. GLOVES: EMPLOYEE MUST WEAR SUBSTANCE. APPROPRIATE PROTECTIVE GLOVES TO PREVENT CONTACT WITH THIS AND EQUIPMENT

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AUXILIARY SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE. 25912180273 ACCT: 162898-01 CAT NO: S78173 PO NBR: P0068933

AUTHORIZED - FISHER SCIENTIFIC, INC. CREATION DATE: 10/26/84 REVISION

ilver nitrate

MAY IGNITE OTHER COMBUSTIBLE MATERIALS (WOOD, PAPER, OIL, ETC.). REACTION WITH FUELS MAY BE VIOLENT. FLAMMABLE POISONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD. MATERIALS WHICH CONTAIN THE ABOVE SUBSTANCE AT OR ABOVE THE REGULATORY LEVEL MEET THE EPA CHARACTERISTIC OF TOXICITY, AND MUST BE DISPOSED OF IN ACCORDANCE WITH 40 CFR PART 262. EPA HAZARDOUS WASTE NUMBER DO11. 08/09/91 25912180273 ACCT: 162898-01 CAT NO: \$78173 PO NBR: P0068933 PAGE: 5

OCCUPATIONAL SPILL:

OCCUPATIONAL SPILL:

MADER COMBUSTIBLES (WOOD, PAPER OIL ETC.) AWAY FROM SPILLED MATERIAL. DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. USE WATER SPRAY TO REDUCE WAPERS. DO NOT GET WATER INTO CLEAN DRY CONTAINER AND COVER. APPRICE WAPER AND TO THE SPILLS WITH CLEAN SHOVE PLACE MATERIAL INTO CLEAN DRY CONTAINER AND COVER. HOW'VE CONTAINERS FROM SPILL AREA FOR SMALL LIQUID SPILLS, FUSH AREA WITH FLOODING AMOUNTS OF WATER, FOR LARGER SPILLS, DIKE FAR AHEAD OF SPILL FOR LARGER DISPOSAL KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY LAGER, DISPOSAL KEEP UNNECESSARY PEOPLE AWAY. SOIL SPILL: DIG A HOLDING AREA SUCH AS PIT, POND OR LAGOON TO CONTAIN SPILLED MATERIAL. USE PROTECTIVE COVER SUCH AS A PLASTIC SHEET TO PREVENT DISSOLVING IN FIREFIGHTING WATER OR RAIN. USE MECHANICAL DREDGES OR LIFTS TO EXTRACT IMMOBILIZED MASSES OF POLLUTION AND PRECIPITATES. BICARBONATE WITH AGRICULTURAL LIME, STAKED LIME, CRUSHED LIMESTONE; OR SODIUM WATER SPILL: IF MATERIAL IS DISSOLVED, USE SODIUM SULFIDE SOLUTION TO PRECIPITATE HEAVY

REPORTABLE QUANTITY (AQ): 1 FOUND THE SUPERFUND AMENOMENTS AND REQUIRES THE SUPERFUND AMENOMENTS AND REALTHORIZED AND SECTION 304 REQUIRES THAT A RECEASE EQUAL TO 08 GREATER THAN THE REPORTABLE QUANTITY FOR THIS SUBSTANCE BE IMMEDIATELY REPORTED TO THE LOCAL EMERGENCY PLANNING COMMITTEE AND THE STATE EMERGENCY RESPONSE COMMISSION (40 CFR 355.40). IF THE RELEASE OF THIS SUBSTANCE IS REPORTABLE UNDER CERCLA SECTION 103. THE NATIONAL RESPONSE CENTER MUST BE NOTIFIED IMMEDIATELY AT (800) 424-8802 OR (202) 426-2675 IN THE METHOPOLITAN WASHINGTON D.C. AREA (40 CFR 302.6).

The state of

VENTILATION : 30.000 PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS

RESPIRATOR:
THE FOLLOWING RESPIRATORS AND MAXIMUM USE CONCENTRATIONS ARE RECOMMENDATIONS
BY THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, NIOSH POCKET GUIDE TO
CHEMICAL HAZARDS, NIOSH CRITERIA DOCUMENTS OR BY THE U.S. DEPARTMENT OF TO
LABOR, 29 CFR 1910 SUBPART Z.
THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND
IN THE WORK PLACE MUST NOT EXCEED THE WORKING LIMITS OF THE RESPIRATOR AND
HEACHH AND THE MINE SAFETY, AND HEALTH ADMINISTRATION (NIOSH-MSHA).

SILYER (METAL AND SOLUBLE COMPOUNDS)

O 25 MG/M3 ANY SUPPLIED AIR RESPIRATOR OPERATED IN CONTINUOUS FLOW MODE ANY POWERED AIR PURIFYING RESPIRATOR WITH A HIGH-EFFICIENCY

O.5 Md/M3 ATR PURITYING FULL FACEPIECE RESPIRATOR WITH A HIGH-EFFICIENCY PARTICULATE FILTER.

ANY SUPPLIED AIR RESPIRATOR WITH A FULL FACEPIECE.

ANY SUPPLIED AIR RESPIRATOR WITH A FULL FACEPIECE.

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20.0 Mg/m3- ANY SUPPLIED-AIR RESPIRATOR WITH A FULL FACEPIECE AND OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: ANY SELF-CONTAINED BREATHING APPARATUS THAT HAS A FULL FACEPIECE AND IS OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE. ESCAPE- ANY AIR-PURIFYING FULL FACEPIECE RESPIRATOR WITH A HIGH-EFFICIENCY PARTICULATE FILTER.
ANY APPROPRIATE ESCAPE-TYPE SELF-CONTAINED BREATHING APPARATUS.

ANY SUPPLIED-AIR RESPIRATOR THAT HAS A FULL FACEPIECE AND IS OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH AN

MAY RESULT IN IGNITION, VIOLENT COMBUSTION OR EXPLOSION ACCT: 162898-01 CAT NO: S78173 PO NBR: P0068933 PAGE: 2

FIREFIGHTING MEDIA:
WATER ONLY, NO DRY CHEMICAL, CARBON
(1990 EMERGENCY RESPONSE GUIDEBOOK, DIOXIDE OR HALON

FOR LARGER FIRES, FLOOD AREA WITH WATER FROM A DISTANCE (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5).

FIREFIGHTING:

MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK, APPLY COOLING MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK, APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS, OUT: STAY AWAY FROM ENDS OF TANKS, FOR MASSIVE FIRE IN GARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR, WOZZLES, FIFTHIS, IS, IMPOSS, BLE: WITHORAW, FROM AREA, AND LET FIRE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOT, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOT, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE GUIDEBOOK, DOTS BOOKED, OUT OF THE BURN (1990 EMERGENCY, RESPONSE BURN (1

WISE FLOODING AMOUNTS OF WATER. COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER, APPLY FROM AS FAR A DISTANCE AS POSSIBLE. EVACUATE TO A RADIUS OF MACENTAL PROPERTY OF THE STATE OF THE

DEPARTMENT OF TRANSPORTATION MAZARD CLASSIFICATION 49 CFR:172, 101:

DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS 48 CFR 1721101-AND 11 SUBPART E. H. TRANSPORTATION LABELING REQUIREMENTS 48 CFR 1721101-AND 11 CFR 1721101-AND 11

DEPARTMENT OF TRANSPORTATION PACKAGING REQUIREMENTS: 49 CFR 173.182 EXCEPTIONS 9-49 CFR 173.153 PM AND THE STATE OF T SALES OF SECTION AND SECTION OF S

SILVER IN THATE.

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DATA (RTECS).

CARCINOGEN STATUS: NONE.

CARCINOGEN STATUS: NONE.

LOCAL EFFECTS. CORROSIVE - INHALATION SKINC EVE INGESTION.

AGUTE TOXICITY LEVEU: HIGHLY TOXIC BY INGESTION.

ARGUTE TOXICITY LEVEU: HIGHLY TOXIC BY INGESTION.

ARGUTE TOXICITY LEVEU: HIGHLY TOXIC BY INGESTION.

ARGUTE TOXICITY LEVEU: HIGHLY TOXIC BY INGESTION.

HEALTH EFFECTS AND FIRST AID ACTION OF THE CONTROL OF T

INHALATION: SILVER, NITRATE; CORROSSIVE

CORROSIVE MAY CAUSE SEVERE IRRITATION TO MUCOUS MEMBRANES WITH SORE ACUTE EXPOSURE— MAY CAUSE SEVERE IRRITATION TO MUCOUS MEMBRANES WITH SORE THROAT CODURING AND SHORTNESS OF BREATH USUALLY-FROM 2-25 YEARS; MAY RESULT, IN ARGINAL SERVERALIZED ARGYRIA, MAY FIRST BE RECORNIZED BY A SLATE-GRAY, BLUE TO BLACK, DISCOLORATION IN THE CONJUNCTIVA AND SKIN.

15 ALTE-GRAY, BLUE TO BLACK, DISCOLORATION IN THE CONJUNCTIVA AND SKIN.

15 FARTING WITH THE FACE AND SPREADING TO MOST UNCOURRED PARTS OF THE BODY, INCLUDING THE FINGERMALLS, WHICH MAY BECOME DISCOLORATION AND VARIES THE SKIN.

16 COMES, ALMOST BLACK, WITH A METALLIC, LISTER THE BUCCAL MUCOSA; TOENALLS, AND OTHER COYERED PARTS OF THE SKIN.

18 COMES, ALMOST BLACK, WITH A METALLIC, LISTER THE BUCCAL MUCOSA; TOENALLS, AND OTHER COYERED PARTS OF THE SCINCTIFIES.

18 NOLLEMBRY OF THE CONNEA, HAS BEEN RECORDED IN A NUMBER OF SILVER NITRATE WORKERS WITH NO FAILURE OF VISION, BUT SOME DISTURBANCE IN DARK OF THE BROWN CHILD THE MANUFACTURE OF SILVER NITRATE.

18 ADAPTATION TOCALIZED ARGYRIA OF THE RESPIRATORY THACT HAS BEEN DESCRIBED IN A SILVER NITRATE.

20 ALTO THE MANUFACTURE OF SILVER NITRATE. THE ONLY SYMPTON WAS MILD BROWNCHITIS, THE NAKIL SOFT HE MESSAL MUCOSA SHOWED IMPREDNATION IN THE WALLS OF THE MESSAL MUCOSA SHOWED IMPREDNATION IN THE WALLS OF THE

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EMPHYSEMA, KIUNEY LESIONS AND THE POSSIBILITY OF ARTERIOSCHEROSIS HAVE BEEN REPORTED IN EXPOSED SILVER WORKERS.

FIRST AID- REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. MAINTAIN AIRWAY AND BLOOD PRESSURE AND ADMINISTER OXYGEN IF AVAILABLE. KEEP AFFECTED PERSON WARM AND AIT REST. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. ADMINISTRATION OF OXYGEN SHOULD BE PERFORMED BY QUALIFIED PERSONNEL. GET MEDICAL ATTENTION

SOLUTIONS MAY CAUSE SEVERE IRRITATION, REDNESS

SKIN CONTACT: SILVER NITRATE: CORROSIVE. ACUTE EXPOSURE- DUST AND

Siber Mtate

FISHER SCIENTIFIC CHEMICAL DIVISION 1 REAGENT LANE FAIR LAWN NJ 07410 (201) 796-7100 SPECIFIC GRAVITY: 4.352 @ 19 C BOILING POINT: 831 F (444 C) DECOMPOSES SILVER NITRATE:
1 POUND CERCLA SECTION 103 REPORTABLE QUANTITY EXPOSURE LIMITS;
SILVER, SOLUBLE COMPOUNDS (AS AG):
0.01 MG/M3 OSHA TWA
0.01 MG/M3 ACGIH TWA
0.01 MG/M3 DAGH RECOMMENDED TWA
0.01 MG/M3 DFG MAK TWA METALLIC TASTE AND A SLIGHT NITRIC ACID ODOR. DESCRIPTION: ODORLESS, COLORLESS, TRANSPARENT, HYGROSCOPIC CRYSTALS WITH A OTHER CONTAMINANTS: "NONE COMPONENT: WATER COMPONENT: SILVER NITRATE CAS# 7761-88-8 CERCLA BATINGS (SCALE 0-3): HEALTH=0 FIRE=0 REACTIVITY=0 PERSISTENCE=3
NFPA RATINGS (SCALE 0-4): HEALTH=0 FIRE=0 REACTIVITY=0 TRADE NAMES/SYNONYMS; LAPIS INFERNALIS; LUNAR CAUSTIC; NITRIC ACID, SILVER(+1) SALT; STCC 4918742; UN 1493; S-181; S-486; SILVER (1+) NITRATE; SILVER MONONITRATE; ARGENTI NITRAS; ARGEROL; AGNO3; ACC20810 MOLECULAR WEIGHT: 169.89 MOLECULAR FORMULA: AG-N-03 THIS INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABLLITY OR ANY OTHER WARRANTY, EXPRESS OR INPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. INORGANIC SALT SUBSTANCE: **SILVER NITRATE** SUBJECT TO SARA SECTION 313 ANNUAL TOXIC CHEMICAL RELEASE REPORTING MEASUREMENT METHOD: PARTICULATE FILTER; ACID; INDUCTIVELY COUPLED PLASMA; (NIOSH VOL. III # 7300, ELEMENTS). **SILVER NITRATE**
SILVER NITRATE INDEX: 08/09/91 25912180273 COMPONENTS AND CONTAMINANTS MATERIAL SAFETY DATA SHEET SUBSTANCE IDENTIFICATION PHYSICAL DATA ACCT: 162898-01 CAT NO: \$78173 VAPOR PRESSURE: NEGLIGIBLE EMERGENCY NUMBER: (201) 796-7100 CHEMTREC ASSISTANCE: (800) 424-9300 MELTING POINT: 431 F (222 C) CAS-NUMBER 7761-88-8 PO NBR: P0068933 PERCENT: 0.2 PERCENT: >99 PAGE: 1

PH: 6.0 (AQ SOLN) SOLUBILITY IN WATER: 122% @ O C SOLVENT SOLUBILITY; SOLUBLE IN ETHER, GLYCEROL; YERY SLIGHTLY SOLUBLE IN ALCOHOL AND ACETONE.

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD:
NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

OXIDIZER: OXIDIZERS DECOMPOSE, ESPECIALLY WHEN HEATED, TO YIELD OXYGEN OR OTHER GASES WHICH WILL INCREASE THE BURNING RATE OF COMBUSTIBLE MATTER. CONTACT WITH EASILY OXIDIZABLE, ORGANIC, OR OTHER COMBUSTIBLE MATERIALS