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FFFFFFFF III  SSSSS HH  HH  EEEEEEE RRRRR
FFFFFFFF III  SS   SS  HH  HH  EEEEEEE RR  RR
FFF      III  SS   HH  HH  EE       RR  RR
FFFFFFFF III  SS   HHHHHH EEEEEEE RRRRR
FFFFFFFF III  SS   HHHHHH EEEEEEE RRRR
FFF      III  SS   HH  HH  EE       RR  RR
FFF      III  SS   SS  HH  HH  EEEEEEE RR  RR
FFF      III  SSSSS HH  HH  EEEEEEE RR  RR

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MM  MM  SSSSS  DDDDD  SSSSS
MMM MMM  SS    DD  DD  SS
MM M MM  SSS   DD  DD  SSS
MM  MM    SS   DD  DD  SS
MM  MM  SSSSS  DDDDD  SSSSS

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IMPORTANT SAFETY INFORMATION -- DO NOT DISCARD.  
PLEASE ROUTE TO COMPANY SAFETY OFFICER.

*K62164*

SYRACUSE CITY  
SCHOOL DISTRICT  
725 HARRISON ST  
SYRACUSE NY 13210

IF NAME AND/OR ADDRESS HAVE CHANGED, CONTACT YOUR FISHER SALES REPRESENTATIVE OR LOCAL FISHER BRANCH.

FOR EACH CHEMICAL, AN MSDS SHEET WILL BE SENT ONLY ON THE 1ST SHIPMENT UNLESS A SUBSTANTIAL REVISION OCCURS.

REQUIRED MATERIAL SAFETY DATA SHEETS (MSDS) NOT INCLUDED IN THIS MAILING WILL FOLLOW UNDER SEPARATE COVER.

THIS PACKET MAY CONTAIN MSDS FOR PRODUCTS MANUFACTURED BY OTHERS AND DISTRIBUTED BY FISHER SCIENTIFIC COMPANY. THESE MSDS WERE PREPARED BY THE MANUFACTURER AND FISHER DISCLAIMS ALL LIABILITY FOR THE CONTENT.

FISHER SCIENTIFIC HAS A COMPLETE LINE OF SAFETY PRODUCTS AND INFORMATION FOR THE LABORATORY. CONTACT YOUR LOCAL FISHER BRANCH FOR FILMS, BROCHURES, CATALOGS AND PRODUCTS.



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\*\*SILVER NITRATE\*\*  
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MATERIAL SAFETY DATA SHEET

FISHER SCIENTIFIC  
CHEMICAL DIVISION  
P.O. BOX 100  
FAIRBANKS, ALASKA  
FAIRBANKS, ALASKA  
(201) 796-7100  
EMERGENCY NUMBER: (201) 796-7100  
CHEMTREC ASSISTANCE: (800) 424-9300

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SUBSTANCE IDENTIFICATION

SUBSTANCE: \*\*SILVER NITRATE\*\* CAS-NUMBER 7761-88-8  
TRADE NAMES/SYNONYMS:  
LAPIS INFERNALIS; LUNAR CAUSTIC; NITRIC ACID, SILVER(+1) SALT; SICC 4918742;  
UN 1493; S-181; S-486; SILVER (+1) NITRATE; SILVER MONONITRATE;  
ARGENTI NITRAS; ARGEROL; AGNO3; ACCZ0810

CHEMICAL FAMILY:  
INORGANIC SALT

MOLECULAR FORMULA: AG-N-03  
MOLECULAR WEIGHT: 169.89

CERCLA RATINGS (SCALE 0-3): HEALTH=3 FIRE=0 REACTIVITY=0 PERSISTENCE=3  
NFPA RATINGS (SCALE 0-4): HEALTH=0 FIRE=0 REACTIVITY=0

COMPONENTS AND CONTAMINANTS

COMPONENT: SILVER NITRATE PERCENT: >99  
CAS# 7761-88-8  
COMPONENT: WATER PERCENT: 0.2

OTHER CONTAMINANTS: NONE

EXPOSURE LIMITS:  
SILVER, SOLUBLE COMPOUNDS (AS AG):  
0.01 MG/M3 OSHA TWA  
0.01 MG/M3 ACGIH TWA

SUBJECT TO SARA SECTION 313 ANNUAL TOXIC CHEMICAL RELEASE REPORTING

SILVER NITRATE:  
1 POUND CERCLA SECTION 103 REPORTABLE QUANTITY

PHYSICAL DATA

DESCRIPTION: ODORLESS, COLORLESS, TRANSPARENT, HYGROSCOPIC CRYSTALS WITH A METALLIC TASTE AND A SLIGHT NITRIC ACID ODOR.  
BOILING POINT: 831 F (444 C) DECOMPOSES MELTING POINT: 431 F (222 C)  
SPECIFIC GRAVITY: 4.352 @ 19 C VAPOR PRESSURE: NEGLIGIBLE  
PH: 6.0 (AQ SOLN) SOLUBILITY IN WATER: 122% @ 0 C  
SOLVENT SOLUBILITY: SOLUBLE IN ETHER, GLYCEROL; VERY 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 IGNITABLE, ORGANIC, OR OTHER COMBUSTIBLE MATERIALS MAY RESULT IN IGNITION, VIOLENT COMBUSTION OR EXPLOSION.

FIREFIGHTING MEDIA: