

ENGELHARD CORP, SPECIALTY CHEMICALS DIV. -- SILVER NITRATE -- 6850-00-201-1257

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

Product ID:SILVER NITRATE

MSDS Date:08/29/1988

FSC:6850

NIIN:00-201-1257

MSDS Number: BHFNJ

=== Responsible Party ===

Company Name:ENGELHARD CORP, SPECIALTY CHEMICALS DIV.

Address:1 WEST CENTRAL AVE.

City:EAST NEWARK

State:NJ

ZIP:07029-2809

Country:US

Info Phone Num:201-632-6414 (NIGHT

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Emergency Phone Num:201-268-7844 (DAY)

CAGE:5L413

=== Contractor Identification ===

Company Name:ENGELHARD CORP, SPECIALTY CHEMICALS DIV.

Address:1 W CENTRAL AVE.

City:EAST NEWARK

State:NJ

ZIP:07029-2809

Country:US

Phone:201-268-7844 (DAY)

CAGE:5L413

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

Ingred Name:SILVER NITRATE (SARA III)

CAS:7761-88-8

RTECS #:VW4725000

Fraction by Wt: 99%

OSHA PEL:0.01 MG AG/M3

ACGIH TLV:0.01 MG AG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 L

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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: IRRITATION OF THE NOSE, THROAT, AND LUNGS. SKIN: IRRITATION, BURNS, SORES, SKIN DISCOLORATION. EYES: IRRITATION, CHEMICAL BURNS. INGESTION: BURNS OF THE MOUTH AND THROAT, ABDOMINAL PAIN, DIARRHEA, DIZZINESS.

CHRONIC: SILVER ACCUMULATES AND IS EXCRETED VERY SLOWLY. DISCOLORATION IS USUALLY PERMANENT.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION TO NOSE, THROAT, LUNGS, SKIN. EYES: BURNS, SORES,DISCOLORATION OF SKIN. INGESTION: BURNS TO MOUTH AND THROAT, ABDOMINAL PAIN, DIARRHEA AND DIZZINESS. SHOCK AND CONVULSIONS MAY DEVELOP. BLUE -GRAY DISCOLORATION OF EYES, NOSE,

THROAT AND SKIN IF 1 GRAM OF SILVER ACCUMULATES IN BODY.

Medical Cond Aggravated by Exposure:NO INFORMATION AVAILABLE FOR THIS MATERIAL.

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER. SEEK MEDICAL ADVICE. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. SEEK MEDICAL ADVICE. INGESTION: DO NOT ATTEMPT TO MAKE VICTIM VOMIT. SEEK MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE VICTIM FROM AREA.SEEK MEDICAL ADVICE

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Fire Fighting Measures
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Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND A POSITIVE PRESSURE, SELF CONTAINED BREATHING APPARATUS AS SPECIFIED IN 29 CFR 1910 SUBPART L.

Unusual Fire/Explosion Hazard:MATERIAL IS AN OXIDIZER.

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Accidental Release Measures
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Spill Release Procedures:SWEEP OR VACUUM UP SPILL. PLACE SPILLED MATERIAL IN M

ETAL SAFETY CAN.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND
STORE IN A COOL, DRY AREA.
Other Precautions:WASH HANDS AND FACE AFTER USE. PRODUCT CONTAINS
SILVER. DO NOT EAT OR SMOKE IN AREA WHERE PRODUCT IS USED OR
STORED. DO NOT STORE NEAR INCOMPATIBLE MATERIALS AS LISTED ABOVE.
MATERIAL IS AN OXIDIZER.

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

Respiratory Protection:APPROPRIATE NIOSH APPROVED RESPIRATOR IN POORLY
VENTILATED AREAS.
Ventilation:LOCAL EXHAUST VENTILATION SYSTEM.
Protective Gloves:ACID RESISTANT
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT
AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED
CONTACT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHI
NG BEFORE REUSE.
Supplemental Safety and Health

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

HCC:D1
Appearance and Odor:ODORLESS, CLEAR, WHITE CRYSTALS

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

Stability Indicator/Materials to Avoid:YES
SILVER IS INCOMPATIBLE WITH THE FOLLOWING: ACETYLENE, AMMONIA, ETHANOL,
HYDROGEN PEROXIDE, EASILY REDUCED SUBSTANCES.
Stability Condition to Avoid:LIGHT - MATERIAL DARKENS UPON EXPOSURE.
HEAT AND EXPOS

URE TO LIGHT.

Hazardous Decomposition Products:NOX AND POSSIBLY METAL OXIDE FUMES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, OR SEND TO A
REFINERY FOR RECOVERY OF PRECIOUS METALS.

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