

**GULF ENGINEERING COMPANY, LLC
WATER MANAGEMENT DIVISION**

**611 HILL STREET
JEFFERSON, LA 70121
(504) 602-1824
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MATERIAL SAFETY DATA**

**N/58.5 SILVER NITRATE
CODE 8136**

**EMERGENCY TELEPHONE NUMBER
Chemtrec 1-800-424-9300**

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PRODUCT IDENTIFICATION

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**TRADE NAME: N/58.5 SILVER NITRATE, GESSCO CODE 8136
FORMULA: AgNO₃,
CHEMICAL NAMES/SYNONYMS: N/58.5 SILVER NITRATE
DOT SHIPPING NAME: NOT CURRENTLY REGULATED
DOT HAZARD CLASS: NOT CURRENTLY REGULATED**

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PHYSICAL DATA (TYPICAL)

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**APPEARANCE: Colorless, water-like liquid pH: N/D
ODOR: Odorless Solubility in water: Complete
SPECIFIC GRAVITY (H₂O = 1) 1.0 Boiling Water: 212°**

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HAZARDOUS INGREDIENTS

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COMPONENTS	%	TLV
Silver Nitrate	<0.5	0.01 mgk/m³

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FIRE AND EXPLOSION DATA

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**FLASH POINT (method): N/A
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Solid silver nitrate is an oxidizer.
Avoid evaporation to dryness.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A**

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HEALTH HAZARD DATA

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**EFFECTS OF OVEREXPOSURE: Acute exposure may cause irritation to the skin and eyes.
EMERGENCY FIRST AID PROCEDURES:**

EYES: Flush thoroughly with water.
SKIN: Wash hands with soap and water.
INGESTION Induce vomiting and get medical attention.
INHALATION: N/A

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REACTIVITY DATA
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STABILITY: Stable
INCOMPATIBILITY: Contact with combustible materials should be avoided.
HAZARDOUS DECOMPOSITION PRODUCTS: Silver nitrate decomposes at 824°F to yield metallic silver, nitrogen, and toxic oxides of nitrogen.
HAZARDOUS POLYMERIZATION: Will not occur.

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SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED: Recover solution if reclaiming of silver is desired. Otherwise, flush to sewer or absorb with inert material.
WASTE DISPOSAL METHOD: Flush to sewer or if absorbed with inert material, package for burning or burial.

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SPECIAL PROTECTION INFORMATION
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Specific Personal Protective Equipment
EYES: Avoid contact with eyes.
SKIN: Avoid contact with skin.
RESPIRATORY: N/A
OTHER: N/A
VENTILATION REQUIREMENTS: None

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SPECIAL PRECAUTIONS
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with eyes and skin.

OTHER PRECAUTIONS: N/A

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****The fourth digit of the code number designates package size:
GESSCO CODE 8136 – Quart Bottle**