

**SECTION 1: Product Identification**

Chemical Name:	Silver acetate, 99%
Product Number:	703
CAS Registry Number:	563-63-3
Formula:	AgOOCCH ₃
EINECS Number:	209-254-9
Chemical Family:	metal acetate salt
Synonym:	Silver monoacetate, Acetic acid, silver salt

SECTION 2: Composition and Information on Ingredients

Ingredient	CAS Number	Percent	ACGIH (TWA)	OSHA (PEL)
Title Compound	563-63-3	100	0.01mg/m ³	0.01mg/m ³

SECTION 3: Hazards Identification

Emergency Overview:	Irritating to skin and eyes. May be irritating to the respiratory tract. May be harmful if swallowed.
Primary Routes of Exposure:	Ingestion, Inhalation
Eye Contact:	Causes slight to mild irritation of the eyes.
Skin Contact:	Causes slight to mild irritation of the skin. Contact with the skin can lead to formation of dark blotches (silver staining)
Inhalation:	Dust may be irritating to the nose, mucous membranes and respiratory tract.
Ingestion:	No information on the physiological effects of ingestion.
Acute Health Effects:	Irritating to skin and eyes. May be irritating to the respiratory tract.
Chronic Health Effects:	No information available on long-term chronic effects.
NTP:	No
IARC:	No



OSHA:	No
SECTION 4: First Aid Measures	
Eye Exposure:	Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.
Skin Exposure:	Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
Inhalation:	Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.
Ingestion:	Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious).
SECTION 5: Fire Fighting Measures	
Flash Point:	not applicable
Autoignition Temperature:	none
Explosion Limits:	none
Extinguishing Medium:	carbon dioxide, dry powder or foam
Special Fire Fighting Procedures:	If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.
Hazardous Combustion and Decomposition Products:	If involved in a fire this material may emit toxic organic fumes.
Unusual Fire or Explosion Hazards:	No unusual fire or explosion hazards.
SECTION 6: Accidental Release Measures	
Spill and Leak Procedures:	Small spills can be mixed with vermiculite or sodium carbonate and swept up.



SECTION 7: Handling and Storage

Handling and Storage: Store in a tightly sealed non-transparent container in a dark dry place. If container is left open, salt may adsorb moisture from the atmosphere and decompose.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear appropriate chemical resistant gloves and protective clothing.

Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.

Respirator: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Color and Form: off-white powdr.

Molecular Weight: 166.92

Melting Point: dec.

Boiling Point: no data

Vapor Pressure: no data

Specific Gravity: no data

Odor: none

Solubility in Water: 1.02g/100cc (20°C)

SECTION 10: Stability and Reactivity

Stability: light sensitive solid

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: exposure to light



Incompatibility:	oxidizing agents
Decomposition Products:	Carbon dioxide, carbon monoxide, organic vapors, and metal oxides and carbonates.
SECTION 11: Toxicological Information	
RTECS Data:	Intraperitoneal (mouse); LD50: 34 mg/kg.
Carcinogenic Effects:	No data available
Mutagenic Effects:	No data available
Teratogenic Effects:	No data available
SECTION 12: Ecological Information	
Ecological information:	Avoid release to the environment. Harmful to aquatic organisms.
SECTION 13: Disposal Considerations	
Disposal:	Dispose of according to local, state and federal regulations.
SECTION 14: Transportation	
Shipping Name (CFR):	Non-hazardous
Hazard Class (CFR):	NA
Additional Hazard Class (CFR):	NA
Packaging Group (CFR):	NA
UN ID Number (CFR):	NA
Shipping Name (IATA):	Non-hazardous
Hazard Class (IATA):	NA
Additional Hazard Class (IATA):	NA



Packaging Group (IATA):	NA
UN ID Number (IATA):	NA
SECTION 15: Regulatory Information	
TSCA:	Listed in the TSCA inventory
SARA (Title 313):	Title compound: See Category Code N740 for reporting.
Second Ingredient:	none
Third Ingredient:	none