

Section 1 – GENERAL	
Product Name:	Silver Nitrate
Description:	Essentially silver nitrate (AgNO ₃) is a white, odourless crystalline material.
Properties:	Physical form :Crystals Colour :White Odour :Odourless Molecular Weight : 169.87g/mol Boiling Point : Decomposes 444°C Melting/Freezing Point : 212°C Solubility in Water : 2.50g/ml H ₂ O Specific Gravity : 4.35
Toxicity:	RTECS Number: VW 4725000 Routes of Exposure: Eye contact, ingestion inhalation & skin contact. Toxicity Data: ORAL LD ₅₀ : 50mg/kg Chronic Toxic Effects: Overexposure to silver may cause argyria.
Hazards:	<p>Acute Health Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.</p> <p>Chronic Health Effects: This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.</p>
Special Precautions:	Eye Protection: Safety glasses or goggles. Skin Protection: PVC gloves with impervious boots, apron or coveralls. Employees should wash their hands and face before eating, drinking or using tobacco products. Respirator: Work ambient concentrations should be monitored and if the recommended exposure

	<p>limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn. Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit) Refer to material safety data sheet.</p>
Statutory Aspects:	<p>UN: 1493 Transported as Dangerous Goods</p>

Section 2 – SPECIFICATION

Appearance:	White crystalline material
--------------------	----------------------------

Section 3 – TESTING

The material is sampled and tested according to the most recent editions of the Sampling Procedures and Analytical Schedule respectively.

Section 4 – PACKING

Plastic containers maximum weight 10.0kg.

Section 5 – DOCUMENTATION

This specification is based on information supplied by the manufacturer.

Section 6 – USES

As an industrial or analytical reagent

Section 7 – REASON FOR REVISION

Revision One- New document