



TECHNICAL DATA SHEET

SILVER NITRATE 0.1M (0.1N) STANDARDIZED SOLUTION TRACEABLE TO NIST

Article No.	BVS13001	Molecular Formula	AgNO ₃
H.S. Code	2843.2100	Molecular Weight	169.87
CAS No.	7761-88-8		

Physical Properties

Physical state at 20 °C	Solid
Colour	White crystalline
Odour	Odorless
pH value	7 - 9
Melting point [°C]	212 °C
Boiling point [°C]	440 °C
Evaporation rate	>1
Vapour pressure [20°C]	17.535 mm of Hg (@ 20°C)
Vapour pressure mm/Hg	17.535 mm of Hg (@ 20°C)
Vapour density	4.4
Density [g/cm ³]	4.352
Solubility in water [% weight]	Soluble in water
Partition coefficient Log Pow octanol / water at 20°C	5
Oxidising properties	The substance or mixture is classified as oxidizing with the subcategory 2

Specifications

Titration factor 0.998-1.002

Appearance A clear colorless liquid

Safety Information and Hazard Symbols



Symbol

GHS07, GHS09

Signal Word	Warning
UN No	3082
IMCO Class No.	9
Hazardous Statement	H412-H319-H315
Precaution Statement	P264-P273-P280-P302+P352-P305+P351+P358-P332+P313-P337+P313-P501
Packing Group	III