

T5005 SILVER NITRATE

For general enquiries please contact our  
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Product Number	Packaging	Size
T500500025	Plastic Bottle	25g
T500500100	Plastic Bottle	100g
T500500500	Plastic Bottle	500g

Other bulk and consumer pack sizes are available.

**Product Information**

Synonyms	-
Chemical formula	AgNO <sub>3</sub>
Form	solid
Colour	white
Odour	-
Molar mass	169.87g /mol
CAS number	13478-00-7

**Physical and chemical data**

Solubility	Soluble in hot water
Melting/freezing point	212°C
Boiling point	440°C Decomposes on heating Molar mass
Density	4.453 g/cm <sup>3</sup>
Bulk density	-
pH value	-
Specific Gravity	4.453

**Safety information**

May intensify fire; oxidiser.  
Causes severe skin burns and eye damage.  
Very toxic to aquatic life with long lasting effects.



IMCO/UN/PG:5.1/1493/II  
Tariff:2843 21 00  
R:34-50/53 • S:26-45-60-61  
F:27

**Transport information**

CLASS 5.1: Oxidizing material.  
Marine Pollutant

**Technical data**

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Assay	99.0 Min	%
Insoluble matter	0.005 Max	%
Chloride	0.006 Max	%
Sulphate	0.007 Max	%
Iron	0.002 Max	%
Copper	0.002 Max	%
Lead	0.03 Max	%
Substance not ppt by HCl	0.005 Max	%

**Uses**

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Laboratory reagent.  
Photographic film.  
Catalyst for ethylene oxide.  
Indelible ink.  
Silver plating.  
Silver salt.  
Silvering mirror.  
Germicide.  
Hair dyeing.  
Antiseptic.