

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 ₃
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 ³
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

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

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