

SAFETY DATA SHEET

SDT026 - BC2 - High range titrant

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name: BC2 - High range titrant
Product code: SDT026
Use: Analytical reagent
Company: droptestkits.com Limited
The New Dairy, Lamport Manor,
Northampton, NN6 9HF
Tel: 01604 686 995 Fax: 01604 686 997
Email: info@droptestkits.com

Emergency Tel: 07724 668 569

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS: 7761-88-8 Silver nitrate (R22, R34, R50/53) 1 - 10%

3. HAZARDS IDENTIFICATION

Main hazard: Harmful
Other hazards: Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact.
Wash affected skin with running water for ten minutes.
Eye contact: There may be irritation and redness.
Bathe eye with running water for 15 minutes. Seek medical advice.
Ingestion: There may be soreness and redness of the mouth and throat. There may be vomiting.
If conscious, give half a litre of water to drink immediately. Seek medical advice.
Inhalation: May irritate throat and cause tightness of the chest.
Remove casualty to fresh air.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water, Do not use carbon dioxide.
Exposure hazard: In combustion emits toxic fumes.
Protection: Wear self-contained breathing apparatus and protective clothing to prevent eye and skin contact.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective gloves and safety glasses.
Environmental precautions: Do not allow large quantities to enter drainage system.
Clean-up procedure: Small quantities can be disposed of via a foul drain. Use a licensed contractor for larger quantities.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the reagent.
Storage conditions: Keep the container tightly closed. Keep away from direct sunlight.
Suitable packaging: Keep reagent in original packaging.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures: Ensure sufficient ventilation.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Wear protective gloves (eg latex or vinyl).
Eye protection: Wear safety glasses.
Skin protection: Wear a suitable laboratory coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid	Colour:	Colourless.
Odour:	Odourless	Evaporation rate:	Slow.
Oxidising:	Non-oxidising.	Solubility in water:	Miscible in all proportions.
Viscosity:	Non-visous	pH:	6 - 7

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Reacts to light.
Conditions to avoid: Direct sunlight and heat.
Materials to avoid: Oxidising agents. Strong reducing agents. Strong bases.
Decomposition products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous component 1: Silver nitrate IPR Rat LD50 83 mg/kg, ORL MUS LD50 mg/kg, ORL Rat LD50 1173 mg/kg.
Hazardous component 2:
Note:

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water. Non-volatile.
Persistence/Biodegradability: Not biodegradable.
Bioaccumulation potential: Bioaccumulation potential
Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Small amounts can be disposed of to foul drain.
Disposal of packaging: Dispose as normal industrial waste.
Notes: Consider local and national disposal regulations.

14. TRANSPORT INFORMATION

ADR / RID

Proper shipping name:	Not classified as dangerous for transport				
UN No.	N/A	Label 1:			
ADR Class:	N/A	Label 2:			
Packing group:	N/A	Hazard ID No.:	N/A	—	—
Classification code:	N/A				

INDG / IMO

UN No.	N/A	Class:	N/A
Packing group:	N/A	EmS:	N/A
Marine pollutant:	No	Labeling:	N/A

IATA / ICAO

UN No.	N/A	Class:	N/A
Packing group:	N/A	Labeling:	N/A
Packing instructions:	None		

15. REGULATORY INFORMATION



Risk phrases

R22 Harmful if swallowed
R36/38 Irritating to eyes and skin
R40 Possible risk of irreversible effects
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37 Wear suitable protective clothing and gloves
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S61 Avoid release to the environment. Refer to special instructions/Safety Data Sheet

16. OTHER INFORMATION

The above information is based on current knowledge at the time of publication and is given in good faith.

No warranty is implied as to the suitability of the product for any purpose other than chemical analysis.

The information contained in this MSDS does not constitute an assessment of work place risks. The customer should undertake a formal COSHH assessment which should ensure that employees are aware of the hazards / precautions detailed in this MSDS. The COSHH assessment should ensure that the recommended safety equipment is available and where applicable, that the exposure limits are not being exceeded.