

SAFETY DATA SHEET

SDT094 - TN1 - Buffer

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name: TN1 - Buffer
Product code: SDT094
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: 5329-14-6 Sulphamic acid (R36/38, R52/53)

3. HARDARDS IDENTIFICATION

Main hazard: Causes burns.
Other hazards: Risk of serious damage to eyes.

4. FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact. Blistering may occur. Wash affected skin with running water for ten minutes. If soreness persists consult a doctor.
Eye contact: There may be irritation and redness. Corneal burns may occur. Bathe eye with running water for 15 minutes. Seek medical advice.
Ingestion: Possible nausea, stomach pain and vomiting. Do not induce vomiting. Drink water. Consult a doctor.
Inhalation: Remove casualty to fresh air.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water, dry chemical powder, carbon dioxide or foam.
Exposure hazard: Corrosive. 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:
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:	Crystals/powder	Colour:	White
Odour:	Odourless	Evaporation rate:	
Oxidising:	Non-oxidising.	Solubility in water:	Very soluble.
Viscosity:		pH:	<1

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Heat, hot surfaces and direct sunlight.
Materials to avoid: Oxidising agents. Halogens.
Decomposition products: When heated to decomposition acrid smoke and irritating fumes will be emitted.

11. TOXICOLOGICAL INFORMATION

Hazardous component 1: Sulphamic acid - ORL Rat LD50 3160 mg/kg, IPR Rat LDLO 100 mg/kg, ORL Mus LD50 1312 mg/kg.
Hazardous component 2:
Note:



12. ECOLOGICAL INFORMATION

Mobility: Soluble in water. Non-volatile.
Persistence/Biodegradability: Fully biodegradable.
Bioaccumulation potential: Will not bioaccumulate.
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:	SULPHAMIC ACID					
UN No.	2967	Label 1:	8			
ADR Class:	8	Label 2:				
Packing group:	III	Hazard ID No.:	80			
Classification code:	C2					

INDG / IMO			
UN No.	2967	Class:	8
Packing group:	III	EmS:	F-A, S-B
Marine pollutant:	No	Labeling:	8

IATA / ICAO			
UN No.	2967	Class:	8
Packing group:	III	Labeling:	8
Packing instructions:	822(P&CA); 823(CAO)		

15. REGULATORY INFORMATION



Risk phrases

R34 Causes burns
R36/38 Irritating to eyes and skin
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases

S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing gloves and eye/face protection

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.