

SAFETY DATA SHEET

SDT103 - Acetic acid (20%)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name: Acetic acid (20%)
Product code: SDT103
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: 64-19-7 Acetic acid (R10, R35) 10 -30%

3. HARDARDS IDENTIFICATION

Main hazard: Irritating to eyes.
Other hazards:

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. If soreness persists consult a doctor.
Eye contact: There may be irritation and redness.
Bathe eye with running water for 15 minutes. Seek medical advice.
Ingestion: Nausea and stomach pain may occur. There may be vomiting.
Do not induce vomiting. Drink water. Consult a doctor.
Inhalation: Nausea and stomach pain may occur. There may be vomiting.
Remove casualty to fresh air.

5. FIRE-FIGHTING MEASURES

Extinguishing media: 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 or rivers.
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. Ensure good ventilation.
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: Acetic acid WEL (8 Hr exposure limit) 25 mg/M3, WEL (15 min exposure limit) 37 mg/M3
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:	Irritating odour	Evaporation rate:	Slow.
Oxidising:	Non-oxidising.	Solubility in water:	Miscible in all proportions.
Viscosity:	Non-viscous	pH:	4 - 5

Safety data sheet (continued) - SDT103 - Acetic acid (20%)

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Hazardous component 1: Acetic acid IVN Mus LD50 525 mg/kg, ORL Rat LD50 3310 mg/kg.
Hazardous component 2:
Note:

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.
Persistence/Biodegradability: Fully biodegradable.
Bioaccumulation potential: Will not bioaccumulate.
Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Small amounts can be disposed of to foul drain.
Disposal of packaging: Rinse container and 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

R36/38 Irritating to eyes and skin

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
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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.