

# SAFETY DATA SHEET

## SDT090 - QA2 - Acidifier

### 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name:** QA2 - Acidifier  
**Product code:** SDT090  
**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: 7697-37-2 Nitric acid (R35) <10%

### 3. HARDARDS IDENTIFICATION

**Main hazard:** Causes burns.  
**Other hazards:**

### 4. FIRST AID MEASURES

**Skin contact:** Severe irritation. Blistering may occur with prolonged contact. Severe burns may occur. Wash affected skin with running water for ten minutes. If soreness persists consult a doctor.  
**Eye contact:** Severe pain. Possible corneal burns. May cause permanent damage. Bathe eye with running water for 15 minutes. Seek medical advice.  
**Ingestion:** Possible soreness of the mouth and throat. Possible lip burns, nausea, stomach pains and vomiting. Wash out mouth. Do not induce vomiting. Drink water. Consult a doctor.  
**Inhalation:** May irritate throat and cause tightness of the chest. Possible coughing or wheezing. Remove casualty to fresh air. If necessary seek medical attention.

### 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.

### 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:** Wash the spillage site with large amounts of water.

### 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:** Not necessary. Avoid sprays and mists.  
**Hand protection:** Wear protective gloves (eg latex or vinyl).  
**Eye protection:** Wear safety glasses. Ensure eye bath is to hand.  
**Skin protection:** Wear a suitable laboratory coat.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid	Colour:	Colourless.
Odour:	Odourless	Evaporation rate:	Slow.
Oxidising:		Solubility in water:	Miscible in all proportions.
Viscosity:	Non-viscous	pH:	<1

## Safety data sheet (continued) - SDT090 - QA2 - Acidifier

### 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions  
Conditions to avoid: Heat.  
Materials to avoid: Strong bases.  
Decomposition products: When heated to decomposition acrid smoke and irritating fumes will be emitted.

### 11. TOXICOLOGICAL INFORMATION

Hazardous component 1: Nitric acid  
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: Negligible ecotoxicity.

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

#### ADR / RID

Proper shipping name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid)					
UN No.	3264	Label 1:	8			
ADR Class:	8	Label 2:				
Packing group:	III	Hazard ID No.:	80			
Classification code:	8					

#### INDG / IMO

UN No.	3264	Class:	8
Packing group:	III	EmS:	F-A, S-B
Marine pollutant:	No	Labeling:	8

#### IATA / ICAO

UN No.	3264	Class:	8
Packing group:	III	Labeling:	8
Packing instructions:	818(P&CA); 820(CAO)		

### 15. REGULATORY INFORMATION



#### Risk phrases

R34 Causes burns

#### Safety phrases

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  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
S60 This material and/or its container must be disposed of as hazardous waste

### 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.