

1. Product & Company Identification

Product Name: SGA Calibration Standard 1

Part Number: 1404003

Supplier: Sirius Analytical Instruments Limited
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Emergency Tel: +44 (0)1342 820720 Monday – Friday 9am – 5:30pm (Please have this document to hand)
Outside of these hours, contact the appropriate emergency service.

2. Composition / Information on ingredients

Component	CAS No.	EEC No.	Conc. w/w	Classification & Risk Phrases	Exposure
Sodium benzoate	532-32-1	208-534-8	< 0.1%		
Phenol	108-95-2	203-632-7	< 0.01%		OEL
4-Nitrophenol	100-02-7	202-811-7	< 0.01%		
Water	7732-18-5	231-791-2	> 99%		

3. Hazards Identification

Not considered hazardous in normal use.

4. First Aid Measures

Eyes: Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin: Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use.

Inhalation: None.

Ingestion: Drink plenty of water and seek medical attention immediately.

Notes to Physician: Treat systematically and supportively.

5. Fire Fighting Measures

Hazards: Not combustible.

6. Accidental Release Measures

Phenol, the only component with an OEL, is already highly diluted in the product so accidental release measures should not be necessary apart from using further water dilution to run to waste.

7. Handling & Storage

Handling Precautions: Avoid contact with skin and eyes. Do not allow to contaminate clothing. Wash skin thoroughly if contamination occurs.

7. Handling & Storage

Storage Conditions: Well ventilated, cool, dry storage.

8. Exposure Controls / Personal Protection

Engineering Controls: Not applicable.

Respiratory: Not applicable.

Hands: Wear gloves.

Eyes: Use chemical splash proof glasses or goggles.

Skin: If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance: Clear yellow liquid.
Odour: Odourless.
pH: 6.2 @ 27°C
Boiling Point: Aqueous solution.
Melting Point: Aqueous solution.
Flash Point: Not applicable.
Upper Flammable Limit: Not applicable.
Lower Flammable Limit: Not applicable.
Auto Ignition: Not applicable.
Explosive Properties: No.
Oxidising Properties: No.
Vapour Pressure: Not available.
Relative Density: Not available.
Water Solubility: Completely miscible in water.

10. Stability & Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: No specific conditions.

Materials to Avoid: Strong oxidising agents. Strong bases. Strong acids.

Hazardous Decomposition Products: The concentrations of the components which might produce these are very low therefore insignificant amounts of decomposition products will be produced.

11. Toxicological Information

No specific toxicological hazard.

12. Ecological Information

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods: Flush to drain.

Contaminated Packaging: Wash out containers with water.

14. Transport Information

Proper Shipping Name:

14. Transport Information

UN Number:	Not restricted.
UN Classification:	Not restricted.
Subsidiary Risk:	None.
Marine Pollutant:	No.
ADR Hazard ID:	Not restricted.

15. Regulatory Information

Labelling Classification:	None.
Label Symbols:	None.
Risk & Safety Phrases:	S(1/2) Keep locked up and out of the reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).
EEC Number:	Not applicable.

16. Other Information

Revision Date: 22 May 2003

The above information is believed to be correct based on the current information available to us and is intended as a guide only.

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