



Product Safety Data Sheet

**Product Name: Liquid in Glass Thermometers
(excluding LO-Tox™ Range)**

Brannan PSDS: 009.0
Issue Date: December 2005
Revision: 5 Page: 1 of 2

Type C - Liquid in Glass Thermometers Lower Temp Range (-40°C) - (+260°C)

The liquid in glass thermometers produced by S. Brannan & Sons Limited, contain expansion media comprising substances and preparations which present no risk to health, safety or environment when encased in the glass bulb and capillary.

If the instrument is broken during use, minimal risk is presented because of the small volume of materials being used. The following information is supplied as an aid to further reduce risk.

As the Company may change constituent materials, users should check that they are in possession of the most recent revision of this Safety Data Sheet.

1. Manufacturers Information:

Address:

S. Brannan & Sons Limited
Leconfield Industrial Estate
Cleator Moor
Cumbria CA25 5QE
United Kingdom

Telephone:

UK: 01946 816600
International: 0044 1946 816600
Out of office hours: +44 778 979 1777

2. Medium Constituents

| Characteristic | Kerosene | Diesel | Petroleum Fraction PF 190°C (Code 29461) | Petroleum Fraction PF 120°C (Code 10182) | Dye |
|-------------------------------|---|--|---|---|--------|
| Flammability | F.P. (+77°C) | F.P. (+60°C) | F.P. (+58°C) | F.P. (+2°C) | N/A |
| Selected Safety Phrases | (S24-62) Avoid contact with skin. If swallowed, do not induce vomiting, seek medical advice | (S2) Keep out of reach of children. | (S24-62) Avoid contact with skin. If swallowed, do not induce vomiting, seek medical advice | (S16-24-62) Keep away from sources of ignition. Avoid contact with skin. If swallowed, do not induce vomiting, seek medical advice. | None |
| Selected Risk Phrases | (R65) May cause lung damage if swallowed. | (R40) Possible risk of irreversible effects. | (R65) May cause lung damage if swallowed. | (R11-65) Highly flammable Harmful, may cause lung damage if swallowed. | None |
| Maximum Volume Per Instrument | 0.62ml | Up to 50% of 0.62ml with Kerosene | Up to 90% of 0.62ml with Kerosene | Up to 90% of 0.62ml with Kerosene | 1.55mg |
| Dye Characterisation | Red - AZO Blue - Anthraquinone Green - AZO/Anthraquinone | | | | |



Brannan Thermometers & Instrumentation

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3. First Aid Data

Skin/eye contact - wash with water and seek medical attention if irritation persists.

4. Spillage

Absorb in sand. Transfer to safe open area for atmospheric absorption.

5. Other Materials

Organic fillings may react violently with strong acids, alkalis and oxidising agents.



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