

Safety Data Sheet

Section 1: Identification

Product Identifier: Spectrum Tube, Hydrogen
Common Name: Hydrogen Gas
Recommended Use: Educational, demonstration purposes only
Restrictions of Use: To be used under supervision of qualified science teacher

Importer Name:
Technos Pty Ltd
71 McClure Street
Thornbury Vic Australia
Tel: 61 3 94972555

Section 2: Hazards Identification

Hazard Classification: Flammable Gas
General Statement: The amount of hydrogen gas contained in each tube is much less than 1% by volume; does not present hazard if tube is accidentally broken. Gas will dissipate into atmosphere.

Section 3: Composition / information on ingredients

CAS: 1333-74-0 Component: Hydrogen
Percent 100% - Very low concentration

Section 4: First Aid Measures

No information available. Very low volume of gas contained in each tube. If broken treat for cuts and possible burns resulting if the tube is hot.

Section 5: Fire Fighting Measures

Due to very low volume of gas contained in tube, it is unlikely any escaping gas will cause a fire. Due to low volume of gas no specialist firefighting equipment is necessary.

Section 6: Accidental Release Measures

Dispose of any broken glass properly (wearing hand protection)

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Section 7: Handling and Storage

Do not handle HOT tube. Keep away from heat, use indoors with an approved power source. Store at room temperature. Protect the glass from breakage. Keep away from any chemical that might affect glass.

Section: 8 Exposure Control/ Personal protection

Use in area with normal ventilation. Never use in a confined space. Wear Safety Glasses with using this product. Observe normal safety and laboratory operating procedures.

Section: 9 Physical and chemical properties

Physical State: colourless, odourless gas - known as H₂

Melting Point: -259.2 deg c

Boiling Point: -252.76 deg c

Insoluble in water

Combustible/explosive substance

Section 10: Stability and Reactivity

Reactivity: None expected

Chemical Stability: Stable – present at very low pressures.

Conditions to avoid: Open flames, stress on the glass

Section: 11 Toxicological Information

No information available

Sections 12: Ecological information

No information available

Section: 13: Disposal Considerations

Dispose in accordance with all applicable local regulations

Sections: 14/15 Transport and Regulatory Information

Not applicable.

Disclosure:

The above information is based upon information available to us. Technos P/L shall not be held liable for any claims, losses or damages resulting from reliance on this information. Users should do their own research to determine the suitability of the information for their own use of this product. Self risk assessments are recommended. Each State and Territory have their laws and regulations for disposing of product and it is recommended users check before discarding the product.

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