

# Safety Data Sheet

## Section 1: Identification

Product Identifier: Spectrum Tube, Krypton  
Common Name: Krypton 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: Gas under very low pressure  
General Statement: The amount of Krypton 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: 7439-90-9 Component: Krypton  
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)

Rev: Sept 2019

Controlled document SDS Krypton Spectrum Tube

## 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 Kr

Melting Point: -157 deg c

Boiling Point: -152 deg c

## 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.

Rev: Sept 2019

Controlled document SDS Krypton Spectrum Tube