

Safety Data Sheet

Section 1: Identification

Product Identifier: Carbon Rods
Common Name: Carbon/Charcoal
Recommended Use: Educational, Laboratory Reagent
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: Not Classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008(2004) 3rd Edition, Safe Work Australia. Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG)

Section 3: Composition / information on ingredients

Solid
Charcoal CAS: 7440-44-0 Percent 100%

Section 4: First Aid Measures

Inhalation: Not applicable.
Ingestion: Rinse mouth thoroughly with water immediately
Skin: Wash with soap and water
Eye Contact: Not applicable.
First Aid Facilities: Normal Washroom Facilities
Advice to Doctor: Treat symptomatically
Other Information: For advice, contact the National Poisons Information Centre (Phone Australia 131126)

Section 5: Fire Fighting Measures

May liberate toxic fumes in fire including carbon dioxide and carbon monoxide.

Small fire: Use dry chemical, CO₂, water spray or foam.

May be ignited by friction, heat, sparks or flame. Vapours, dust or turnings may form explosive mixtures with air. May burn fiercely. May re-ignite after fire is extinguished. Fire may produce irritating, poisonous and/or corrosive gases. Containers may explode when heated. Runoff may pollute waterways. May be transported in a molten form. Solids may melt and flow when heated or involved in a fire.

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Section 6: Accidental Release Measures

No special procedures usually required.

Section 7: Handling and Storage

No specific measures

Store away from oxidizing agents.

Section: 8 Exposure Control/ Personal protection

Respiratory: Not applicable

Eye Protection: No special precautions required.

Hand Protection: Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves – selections, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling and engineering controls as determined by appropriate risk assessments.

Body Protection: No specific measures

Hygiene Measures: Wash hands before eating, drinking, smoking and using the toilet.

Section: 9 Physical and chemical properties

Solid

Black Rods, 6mm in diameter and various lengths

Physical State: Black, odourless

Melting Point: -3550 deg c

Insoluble in water

Specific Gravity: 1.8 – 2.1

Flammability: Combustible

Molecular Weight: 12.01

Section 10: Stability and Reactivity

Reactivity: None expected

Chemical Stability: Stable under normal conditions

Incompatible Materials: Strong oxidising agents (such as ozone, liquid oxygen, chlorine, permanganate) and acids.

Hazardous Decomposition: May liberate toxic fumes in fire including of carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur.

Section: 11 Toxicological Information

Ingestion: May be harmful if swallowed.

Inhalation: Not applicable

Skin: may cause skin irritation and redness.

Eye: Not applicable

Carcinogenicity: No evidence of carcinogenic properties.

Chronic Effects: Not available.

Mutagenicity: No evidence of mutagenic properties.

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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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