

Non-Hazardous According to Criteria of Worksafe Australia

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
ACN 009 919 215
ABN 41 009 919 215
683 Beenleigh Redland Bay Rd
CARBROOK QLD 4129
Tel: +61 7 3287 6444
Fax: +61 7 3287 6445

Emergency Advice All Hours:
Australia Wide: 131 126

Product Name: Anthracite

Use: Anthracite products are used for their water and waste purification. As a filtration medium in fixed beds filters, for the physical removal of suspended solids from liquids.

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion
Carbon	>95%

Physical Description: Black uniform granules, with no odour.

3. HAZARD IDENTIFICATION

Not hazardous according to the criteria of Worksafe Australia

ACUTE HEALTH EFFECTS

Swallowed: May cause irritation to mouth, oesophagus and stomach. Not hazardous

Eye: May cause mechanical irritation in contact with the eyes, which can result in redness and itching. Not anticipated to, cause permanent eye injury.

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Skin:	May cause mechanical irritation in contact with the skin. Not hazardous
Acute - Inhaled	Inhalation may cause irritation to the mucous membrane and upper airways.
Chronic-Inhaled	Repeated inhalation of dust may result in excessive mucus and coughing.

4. FIRST AID MEASURES

Swallowed:	Drink plenty of water and contact a Doctor if irritation develops. DO NOT induce vomiting.
Eye:	If in eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and see a Doctor if irritation continues.
Skin:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.
Inhaled:	Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.
First Aid Facilities:	Eye wash fountain shall be available.
Advice to Doctor:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard:	Anthracite is a combustible material. The ignition point is above 100°C. When ignited, will produce no flame but will glow or smoulder until all combustible material is consumed. Keep away from possible ignition sources.
Extinguishing media:	Fine water mist spray, hose or foam extinguisher.
Special fire fighting procedure:	Prevent run off, bundy or dyke area to prevent run off into drains, sewers or waterways.
Flammability:	>100°C Flammable/ Non-Explosion Hazard

6. ACCIDENTAL RELEASE MEASURES

Emergency Action:	None available
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Spill or Leak Procedure: Not Applicable

Spills: Prevent entering sewer, stormwater drains or waterways. Avoid creating dust, sweep, shovel or vacuum spill place in suitable containers. Contaminated materials should be disposed of at an approved disposal landfill site.

7. HANDLING AND STORAGE

Storage: Stable under normal conditions. Keep away from naked flames.

Transport: Not classified as a Dangerous good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Proper Shipping Name: None allocated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Nuisance dust: 8hr TWA = 10 mg/m³

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash thoroughly before eating, smoking, applying cosmetics etc. Thoroughly launder work clothes before reuse.

Engineering Controls

Local ventilation not normally necessary but should be considered if used in poorly ventilated or very confined space.

Personal Protection Equipment

CLOTHING: PVC or rubber apron, coveralls, safety shoes/boots.

GLOVES: PVC or rubber.

EYES: Safety glasses to protect eyes.

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RESPIRATORY PROTECTION: Select and use respirators in accordance with AS/NZS 1715/1716. If used in poorly ventilated or very confined spaces, a standard disposable dust mask fitted with a type P1 filter should be used that complies with AS1716 Respiratory Devices and used in accordance with AS1715 which describes use and maintenance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black uniform granules
Boiling Point: Not relevant
Vapour Pressure: Not relevant
Bulk Density: 650- 750 kg/m³
Autoignition Temp: >100 °C
Solubility: Insoluble in water and organic solvents

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions, avoid naked flame
Incompatibility: None Known
Hazardous Decomposition: None

11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.

12. ECOLOGICAL INFORMATION

No environmental impact information is available for this product.
Avoid contaminating waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contract. Suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
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15. REGULATORY INFORMATION

Poison Schedule:

This material is not scheduled.

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd

Issued by: Paul Moorfoot – General Manager

Supersedes: All previous Material Safety Data Sheets Issued

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.

Issue date: 8/3/2011

Supersedes: All previous Material Safety Data Sheets Issued

REASONS FOR UPDATE:

1. MSDS revision

MSDS's are updated frequently. Please ensure that you have a current copy.

Contact Point

Emergency Advice All Hours:

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River Sands Pty Ltd

Tel: +61 7 3287 6444

Fax: +61 7 3287 6445

Contact: Paul Moorfoot – General Manager

Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for a product sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

END OF DOCUMENT