



# Material Safety Data Sheet

## Graded Garnet

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Issue Date: March 2012

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: All Filter Garnet Sizes**

**Use:** Garnet products are used for their high resilience as a filter media and blast cleaning.

**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

<b>SUBSTANCE NAME</b>	<b>Proportion</b>
Almandine Garnet	97-98%
Ilmenite	1-2%
Quartz	<0.5%
Zircon	<0.2%

### 3. HAZARD IDENTIFICATION

**Not hazardous according to the criteria of Worksafe Australia.**

### ACUTE HEALTH EFFECTS

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<b>Swallowed:</b>	Not a likely source of exposure. May cause irritation to mouth, oesophagus and stomach.
<b>Eye:</b>	May cause mechanical irritation in contact with the eyes, which can result in redness and itching. Not anticipated to, cause permanent eye injury.
<b>Skin:</b>	May cause mechanical irritation in contact with the skin
<b>Acute - Inhaled</b>	Inhalation may cause irritation to the mucous membrane and upper airways.
<b>Chronic-Inhaled</b>	Repeated inhalation of dust may result in excessive mucus and coughing.

#### 4. FIRST AID MEASURES

<b>Swallowed:</b>	Drink plenty of water and contact a Doctor if irritation develops. <b>DO NOT induce vomiting.</b>
<b>Eye:</b>	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.
<b>Skin:</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.
<b>Inhaled:</b>	Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.
<b>First Aid Facilities:</b>	Eye wash fountain shall be available.
<b>Advice to Doctor:</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Fire/Explosion Hazard:</b>	Non- flammable does not support combustion of other Materials, and will not cause dust explosions.
<b>Extinguishing media:</b>	Not Applicable.
<b>Special fire fighting procedure:</b>	Not Applicable

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**Flammability:** Non flammable.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** None available

**Spill or Leak Procedure:** Not Applicable

**Spills:** Prevent entering sewer, stormwater drains or waterways.  
Avoid creating dust, wet material or use vacuum to remove spill.

### 7. HANDLING AND STORAGE

**Storage:** No special storage precautions required.

**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

**Respirable Dust** 2mg/m<sup>3</sup> respirable dust TWA

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

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

**GLOVES:** PVC or rubber.

**EYES:** Safety glasses to protect eyes.

**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

<b>Appearance:</b>	Dark Pink
<b>Boiling Point:</b>	Not relevant
<b>Vapour Pressure:</b>	Not relevant
<b>Bulk Density:</b>	2400 kg/m <sup>3</sup>
<b>Flash Point:</b>	Not relevant
<b>Flammability Limits:</b>	Not relevant
<b>Solubility in Water:</b>	Negligible

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	None Known
<b>Hazardous Decomposition:</b>	None

### 11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.

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### 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

<b>UN Number:</b>	None allocated
<b>Proper Shipping Name:</b>	Garnet
<b>Dangerous Goods Class:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>Hazchem Code:</b>	None allocated

### 15. REGULATORY INFORMATION

**Poison Schedule:**  
This material is not scheduled.

### 16. OTHER INFORMATION

#### PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd  
Issue date: 8/3/2011  
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

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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:

Australia Wide: 131 126

### 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.

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