

Material Safety Data Sheet

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Infosafe No. LPVQV Issue Date : August 2006 ISSUED by DARLEY

Product Name : **DARLEY STANDARD GROG**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name DARLEY STANDARD GROG
Company Name Darley Refractories Australia Pty Ltd (ABN 85 104 582 023)
Address P.O. Box 291 Bacchus Marsh
Victoria 3340 Australia
Telephone/Fax Number Tel:
(03) 5367 2300
Fax:
(03) 5367 2991
Recommended Use Aggregate for mortars, concretes and filler.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Quartz	14808-60-7	0-<5 %
	Ingredients determined not to be hazardous		Balance to 100%

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. If irritation develops or persists seek medical attention.
Ingestion Wash out mouth with water. If irritation develops and persists seek medical attention.
Skin Wash gently and thoroughly with soap and water. If irritation develops and persists seek medical attention.
Eye If contact with the eye(s) occur, wash with large amount of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms develop seek medical attention.
First Aid Facilities Normal wash room facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing media suitable for surrounding environment
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including calcium oxide and carbon dioxide.
Hazchem Code None Allocated
Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Increase ventilation. Wear sufficient respiratory protection and protective clothing. Sweep up material avoiding dust generation, or alternatively dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling It is essential that all who come into contact with this material, maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or going to the toilet. Ensure adequate ventilation in work

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Conditions for Safe Storage areas and extraction of dust likely to be given off during process operations. Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from bases, water and other incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Quartz	-	0.1	-	-
Nuisance dust	-	10	-	-

Biological Limit Values No biological limit allocated.

Engineering Controls Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.

Respiratory Protection Where sufficient ventilation is not available, avoid breathing dusts by wearing an AS 1716 approved particulate filter respirator; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection The use of chemical goggles or safety glasses with side shield protection is recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337-Eye Protectors for Industrial Applications.

Hand Protection The use of impervious gloves recommended. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

Body Protection Suitable work wear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Crushed brick, usually pale buff colour.

Odour Odourless.

Melting Point Not available.

Boiling Point Not applicable.

Solubility in Water Not available.

Specific Gravity Not available.

pH Value Not available.

Vapour Pressure Not available.

Vapour Density (Air=1) Not available.

Flash Point Not available.

Auto-Ignition Temperature Not applicable.

Flammable Limits - Lower Not applicable.

Flammable Limits - Upper Not applicable.

10. STABILITY AND REACTIVITY

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Product Name : **DARLEY STANDARD GROG**

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Materials	None known.
Hazardous Decomposition Products	Thermal decomposition and combustion produce noxious fumes.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product.
Inhalation	Inhalation of dust may cause irritation to the mucous membrane and upper airways. Symptoms of exposure can include nausea, coughing, sneezing and breathing difficulties.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	Skin contact may cause mechanical irritation resulting in redness and itching.
Eye	May cause irritation to eyes. Symptoms may include redness, tearing, stinging and blurred vision.
Chronic Effects	Not expected to cause chronic health effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data is available for this product.
Persistence / Degradability	Not available.
Mobility	Not available.
Environ. Protection	Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of waste according to federal, EPA and state regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
U.N. Number	None Allocated
Proper Shipping Name	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Packing Group	None Allocated

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
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16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS created: August 2006.
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