

GRAPHITE GREASE

MATERIAL SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	GRAPHITE GREASE GG3 September 2012	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GRAPHITE GREASE
Company Name: QUICK SMART PRODUCTS
Address: 53 Assembly Drive
Tullamarine Vic 3043
Telephone/Fax: (03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
Recommended Use:

2. HAZARDS IDENTIFICATION

Statement of Hazardous/Dangerous Nature: NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Classified as Non-Hazardous according to the criteria of NOHSC Australia.
Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS No	W%W
Ingredients determined not to be hazardous	-	60-100%
Graphite	7782042-5	10-30%
Also contains Paraffinic Oils		

4. FIRST AID MEASURES

For advice in an emergency, contact a Poisons Information Centre (Australia Phone 131126) or a doctor at once.

Ingestion: Do NOT induce vomiting. Wash mouth with water. Seek immediate medical assistance.
Eye: Hold eyelid open and flush with copious amounts of clean water for at least 15 minutes or until all contaminants are washed out completely. If irritation develops seek medical attention.
Skin: Remove contaminated clothing and launder before re-use. Wash contaminated skin with soap and copious amounts of clean water. Discard internally contaminated items, like gloves and footwear. If irritation develops seek medical attention.
Inhaled: Remove the source of contamination and move the affected person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. If the victim is not breathing, apply artificial resuscitation and seek urgent medical attention. In serious cases of over-exposure, seek immediate medical attention.
First Aid Facilities: Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water fog, dry chemical, foam or carbon dioxide.
Protective Equipment for Fire Fighters: Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing if risk of exposure to vapour or products of combustion.

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Hazards from Combustion Products: Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide, aldehydes, ketone, nitrogen or sulphur,

6. ACCIDENTAL RELEASE MEASURES:

Spills: Avoid accidents, clean up immediately. Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Cordon off the spillage area. Isolate the source of the spillage or leak. Collect/scrape up material avoiding vapour generation, then transfer material to a suitable container. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. Advise local authorities immediately if release into sewer and/or waterways is expected to have occurred. Rinse the area clean with detergent and excess water.

Disposal: Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Handling: Use in well ventilated areas. Exposure without personal protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come in contact with this material maintain good standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep containers tightly closed in when in use.

Storage: Store in a cool, dry, well ventilated area, out of direct sunlight and moisture. Store in labelled corrosion-resistant containers. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROL

Occupational Exposure Limits: No exposure standards have been established for this material, however, the TWA National Occupational Health and Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.
As published by the National Occupational Health and Safety Commission (NOHSC):
TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

Biological Limit: No biological limit allocated.

Engineering Controls: Use with good general ventilation. Provide sufficient ventilation to keep airborne levels below the exposure limit. If vapours are produced local exhaust ventilation should be used.

Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. 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 Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

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Eye Protection:	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standards AS/NZS 1337 – Eye Protectors for Industrial Applications.
Hand Protection:	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1 – Occupational Protective Gloves – Selection, Use and Maintenance.
Body Protection:	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant plastic apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black Buttery Semi-Solid
Odour:	Mild odour
Autoignition Temp:	Not available
Flash Point:	Not available
Boiling Point:	Not available
Flammability Limits:	Not available
Vapour Pressure:	Low
Solubility in Water:	Negligible
Specific Gravity:	Not available
Vapour Density:	Not available
Evaporation Rate:	Not available
Percent Volatiles:	Not available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidisers.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, aldehydes, ketone, nitrogen or sulphur.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information:	No toxicity data is available for this specific product.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

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Eye:	May cause eye irritation, tearing, stinging, blurred vision and redness.
Skin:	May cause redness, itching and irritation.
Inhaled:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Chronic Effects:	Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological data is available for this specific product.
Persistence / Degradability:	Not available.
Mobility:	Not available.
Bioaccumulative Potential:	Not available.
Environmental Protection:	Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations:	Waste product should be placed in sealed, properly labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.
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14. TRANSPORT INFORMATION

Transport Information:	Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
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15. REGULATORY INFORMATION

Poisons Schedule:	Not scheduled.
AICS (Australia):	To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Contact Person/Point:	Technical Information: (03) 9338 6655.
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Date of Preparation or last revision of MSDS:	MSDS reviewed: 1 September 2012
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This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS