



# MATERIAL SAFETY DATA SHEET

Product Name: GRAPHOKOTE 110S

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This revision issued: September, 2008

## Section 1 - Identification of Chemical Product and Company

Osher Blue  
11/10 Prosperity Pde.,  
Warriewood, NSW 2102

Phone: 02 9997 6900  
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Email: admin@osher.com.au

Trade Name: **GROGRAPH 101F**  
Other Names: AL 63  
Product Use: Dry Film Lubricant  
Creation Date: September 2008  
Revision Date: September 2013

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is classified as: Non-Hazardous according to the criteria of NOHSC Australia.

This product is classified as: NOT Dangerous according to the Australian Dangerous Goods (ADG) Code.

### Safety Phrases:

S24/25 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

**ADG Classification:** N/A

**Flammable liquid:** N/A

**Class:** N/A

**Packaging Group:** N/A

**UN Number:** N/A

## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	STEL	TWA*
Graphite (Carbon)	7782-42-5	< 30%		3mg/m <sup>3</sup>
Lubricant additives, proprietary non-hazardous	None hazardous	< 30%		
Water		> 60%		

\* TWA when in powder form after being subject to heat, taken over an average 8 hour day for a 5 day week.

## Section 4 - First Aid Measures

**Inhalation** Nil when product in original state. When product evaporates in use measures should be taken to minimise contact.

**Ingestion** None expected.

**Skin** None

**Eye** None

**First Aid Facilities** Flush with water

**Advice to Doctor** Treat symptomatically.

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### Section 5 - Fire Fighting Measures

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<b>Suitable Extinguishing Media</b>	N/A
<b>Specific Methods</b>	N/A.
<b>Specific Hazards</b>	N/A
<b>Hazardous Combustion Products</b>	N/A

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### Section 6 - Accidental Release Measures

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<b>Spills &amp; Disposal</b>	Clean up with water and detergent. Dispose of according to local regulations.
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### Section 7 - Handling and Storage

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<b>Precautions for Safe Handling</b>	No special requirements
<b>Conditions for Safe Storage</b>	No special requirements

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### Section 8 - Exposure Controls and Personal Protection

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<b>National Exposure Standards</b>	See Section 3 of this MSDS
<b>Eye protection</b>	Glasses when spraying onto hot surface
<b>Engineering Controls</b>	Mechanical ventilation is required to remove graphite particles which may contain some silica
<b>Respiratory Protection</b>	Approved respirator in confined areas.v
<b>Body Protection</b>	Wear gloves and overalls.
<b>Hygiene Measures:</b>	Normal housekeeping..

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### Section 9 - Physical and Chemical Properties:

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<b>Appearance</b>	Black paste/liquid.
<b>Boiling Point</b>	Approx 120°C
<b>Melting Point</b>	N/A
<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	1
<b>pH Value</b>	8-9
<b>Vapour Pressure</b>	N/A
<b>Flash Point</b>	N/A
<b>Flammability</b>	N/A
<b>Auto Ignition Temperature</b>	N/A
<b>Flammable Limits - Lower</b>	N/A
<b>Flammable Limits - Upper</b>	N/A

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## 10. STABILITY AND REACTIVITY

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Chemical Stability	Good
Incompatible Materials	Nil
Hazardous Decomposition Products	CO <sub>2</sub>
Hazardous Polymerization	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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Inhalation	N/A
Ingestion	N/A
Skin	N/A
Eye	N/A
Chronic Effects	Prolonged breathing the dust creating by heating may lead to pulmonary fibrosis, emphysema or pneumoconiosis.
Carcinogenicity	None noted

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## 12. ECOLOGICAL INFORMATION

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Ecotoxicity	N/A
Mobility	N/A
Bioaccumulation	N/A
Persistence / Degradability	Good
Environmental Protection:	Do not contaminate waterways. Product is not hazardous but creates a visual pollution.

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## 13. DISPOSAL CONSIDERATIONS

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Waste Disposal	Refer to Waste Management Authority in your state. Dispose of material through a licensed waste contractor.
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## 14. TRANSPORT INFORMATION

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Transport Information	This product is not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Storage and Transport	<ul style="list-style-type: none"><li>▪ Shipping Name: N/A</li><li>▪ UN No: N/A</li><li>▪ DG Class N/A</li><li>▪ Packaging Group N/A</li><li>▪ Hazchem N/A</li><li>▪ Marine Pollutant</li></ul>

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## 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	Classified as NON-hazardous according to criteria of NOHSC Australia. Poisons Schedule: N/A Risk Phase: N/A Safety Phase: N/A Hazard Category: N/A
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## 16. OTHER INFORMATION

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<b>Contact Person/Point</b>	Poisons Information Centre (Australia): 13 11 26
<b>Literature References</b>	ASCC: Hazardous Substances Information System. Hazard Classification, Risk and Safety Phrases and Exposure Standards information. National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances, 3rd Edition [NOHSC:1008(2004)] Australian Code for the Transport of Dangerous Goods by Road and Rail. International Maritime Dangerous Goods Code. International Air Transport Association Dangerous Goods Regulations.
<b>Revisions Highlighted</b>	Updated information layout to comply with NOHSC 16 header format requirements.
<b>End of MSDS</b>	

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 AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS  
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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