

GROGRAPH 201

COLLOIDAL GRAPHITE IN PEG

SAFETY DATA SHEET (SDS)

Infosafe No. Issue date. 01.03.2024

Issued By: **Thomas Grozier & Son Pty. Ltd.**

Classified as NON - hazardous according to criteria of Work Safe Australia.

Classification according to Regulation EC No. 1272/2008:

Not classified as hazardous per Regulation No. 1272/2008 (CLP/GHS)

1.	IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY	Product name: GROGRAPH 201 COLLOIDAL GRAPHITE IN POLYETHYLENE GLYCOL Company name: Thomas Grozier & Son Pty. Ltd. Address: 2/8 PRINCE WILLIAM DRIVE SEVEN HILLS 2047 Emergency Telephone. 02 96209843 OTHER NAMES.																								
2.	COMPOSITION/ INFORMATION ON INGREDIENTS	A mixture of oils and graphite <table><tr><th>Ingredients.</th><th>Name.</th><th>CAS</th><th>%</th><th>Hazard</th><th>Risk.</th></tr><tr><td>Polyethylene Glycol</td><td></td><td>25322-68-3</td><td>65-95%</td><td></td><td></td></tr><tr><td>Graphite</td><td></td><td>7782-42-5</td><td>2-10%</td><td></td><td></td></tr><tr><td>Non-hazardous ingredients</td><td></td><td>to</td><td>100%</td><td></td><td></td></tr></table> Other Information. High Temperature Chain Lubricant.	Ingredients.	Name.	CAS	%	Hazard	Risk.	Polyethylene Glycol		25322-68-3	65-95%			Graphite		7782-42-5	2-10%			Non-hazardous ingredients		to	100%		
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Non-hazardous ingredients		to	100%																							
3.	HAZARDS IDENTIFICATION.	Hazard classification. Non hazardous ADG classification. Classified as Non-hazardous for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Poisons Schedule N/A Hazchem code. N/A																								
4.	FIRST AID MEASURES	Inhalation: Remove to fresh air if products of combustion are inhaled. Ingestion: Thoroughly rinse mouth and give copious water. Seek medical advice if required. Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before re-use.. Eye: If in eyes, hold eyelids apart and flush eyes continuously with running water. Continue flushing for several minutes until all contaminates are washed out completely. If symptoms develop and persist, seek medical attention. First aid Facilities: Eye wash and normal washroom facilities Advise to Doctor: Treat symptomatically																								
5.	FIRE FIGHTING MEASURES	Extinguishing Media: Water fog, CO2, or dry chemical. Specific hazards: Combustible liquid. This product will burn readily under fire conditions. Hazardous Combustion Products: CO2 and CO. Precautions in connection with fire: Fire fighters should wear self-contained breathing apparatus operated in positive pressure mode and full protective clothing. Water spray may be used to cool down heat exposed containers.																								
6.	ACCIDENTAL RELEASE MEASURES	Emergency Procedures. Spills and disposal: Slippery when spilt. Contain using sand. Prevent runoff into drains Use absorbent material to clean up. Clean up with water and detergent.																								
7.	HANDLING AND STORAGE	Handling: Use in well ventilated area. Keep containers well sealed. Prevent the build-up of vapours or mists in work area. Avoid inhalation of vapours. Do not use near ignition sources. Do not cut, weld or heat used containers. Maintain high standards of personal hygiene Storage: Store in cool dry, ventilated areas away from strong oxidising materials, reducing agents, acids and alkalies. Keep containers sealed. Storage Regulations: Classified as a Class 2 (combustible liquid) for the purpose of storage.																								
8.	PHYSICAL AND CHEMICAL PROPERTIES	Appearance: Black liquid. Melting Point; N/A Odour: Neutral odour. Boiling Point: Not Available Solubility in Water: Complete. Specific Gravity. 1.2 pH Value: 4-7 Vapor Pressure: 0.001 kPa Flash Point: >215c Flammability: Combustible liquid Viscosity: 7.5-7.9 cSt at 100c Volatile by Volume: Nil.																								

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9.	EXPOSURE CONTROLS/ PERSONAL PROTECTION	National Exposure Standards No value assigned by Worksafe Australia. Biological Limit Values: No biological limit allocated. Respiratory Protection: Good natural ventilation of local mechanical extraction required if fumes generated by heating. Eye Protection: Safety glasses are recommended. Hand Protection: Wear rubber gloves to avoid continual immersion. Body Protection: Overalls. Chemical resistant apron is recommended where large quantities are used. Eng. Controls: Good natural ventilation of local mechanical extraction required if fumes generated by heating.
10.	STABILITY AND REACTIVITY	Stability: Stable under normal conditions in storage and handling. Hazardous Polymerization: Will not occur. Materials to avoid: Oxidising agents. Hazardous Decomposition Products: CO ₂ and CO. Toxic and or irritating vapours. Conditions to avoid: Heat, direct sunlight, open flames and other sources of ignition.
11.	TOXICOLOGICAL INFORMATION	Toxicology Information: No adverse health effects expected if the product is handles in Accordance With this M.S.D.S. Inhalation: No long term effects expected. Ingestion: Ingestion of this product may will make you nauseous. Skin: May have a degreasing effect on skin if there is prolonged exposure. Eye: Not expected to be an irritant. Chronic Effects: Repeated or prolonged contact may cause irritation and defatting leading to dermatitis.
12.	ECOLOGICAL INFORMATION	Mobility: N/A Persistence/Degradability: N/A Bioaccumulation: N/A Ecotoxicity: No data available, however oils spills can smother and suffocate marine life. It can also foul birds. Environmental Protection: Prevent this material from entering waterways, drains and sewers.
13.	DISPOSAL CONSIDERATIONS	Disposal of the spilled or waste product must be done in accordance with applicable local, state and federal government regulations.
14.	TRANSPORT INFORMATION	The product is not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. U.N. No: N/A Proper Shipping Name: Grograph 201 DG Class: N/A Hazchem Code: N/A Packing Group: N/A
15.	REGULATORY INFORMATION	Not classified as Hazardous according to criteria of NOHSC. Not classified as a poison
16.	OTHER INFORMATION	Contact Point/Person. For information on this MSDS contact: *Thomas Grozier & Son. 61 (0) 2 96209843

IMPORTANT DISCLAIMER:

The information contained herein is based on data available to Thomas Grozier & Son Pty. Ltd., from both our own technical sources and from recognized published references and is believed to be both accurate and reliable. Thomas Grozier & Son Pty. Ltd., has made no attempt to censor or conceal any aspect of the product. Since we cannot anticipate or control the many different conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm whether they are appropriate. It is therefore recommended that you undertake your own risk assessment in relation to your method of handling and proposed use of this product. Thomas Grozier & Son Pty. Ltd. accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained.