

Material Safety Data Sheet

Glider-G

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Glider-G

Norac Concepts Inc.
P.O. Box 31097, Guelph, ON N1H 8K1
519-821-3633

Emergency telephone number: All hours, 613-787-5620, **ONLY** for health and environmental information.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% (w/w)	ACGIH TLV	CAS No.
Graphite	96 – 99	2.0 mg/m ³	7782-42-5
Silica	0 – 4.0	0.1 mg/m ³	14808-60-7

Synonyms: None known.

Chemical name: Natural graphite.

Product use: Agricultural seed lubricant.

3. HAZARDS IDENTIFICATION

Summary: Hazardous properties of all ingredients have been considered in the preparation of this MSDS. Read the entire MSDS for the complete hazard evaluation of this product.

Emergency overview: May cause mild irritation to the eyes, skin and respiratory system.

4. FIRST AID MEASURES

Inhalation: Move victim to fresh air. Give artificial respiration **ONLY** if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing **AND** no pulse. Obtain medical advice **IMMEDIATELY**.

Skin contact: Flush skin with running water for a minimum of 20 minutes. Start flushing while removing contaminated clothing. If irritation persists, repeat flushing. Obtain medical attention **IMMEDIATELY**.

Eye contact: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention **IMMEDIATELY**.

Ingestion: If victim is alert and not convulsing, rinse mouth out and give 200-300 mL (1 cup) of water to dilute material. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Obtain medical attention **IMMEDIATELY**.

5. FIRE AND EXPLOSION HAZARD DATA

Flash point: Not applicable.

Autoignition temperature: No data.

Flammable limits (lower): Not applicable.

Flammable limits (upper): Not applicable.

Extinguishing media: For large fires, apply aqueous film-forming foam or water in the form of a fog. For small fires, use carbon dioxide or dry chemical.

Fire-fighting procedures: Wear self-contained breathing apparatus and impervious clothing.

Other fire and explosion hazards: None known.

6. ACCIDENTAL RELEASE MEASURES

Spills, leaks or releases: Wear personal protective equipment. For release to land, stop any further release and spread of contamination, wash hard surfaces with detergent and water, then absorb with suitable absorbent. For release to water, stop any further release and utilize damming and/or water diversion to minimize the spread of contamination. Collect the spilled material, any contaminated soil, water and absorbent, then place in a waste container for proper disposal. Notify applicable government authority if release is reportable or could adversely affect the environment.

Deactivating chemicals: None known.

7. HANDLING AND STORAGE INFORMATION

Handling procedures: Use only with adequate ventilation. Avoid breathing dusts, and contact with eyes, skin and clothing. Wear appropriate personal protective equipment. Wash thoroughly after use. Graphite causes slippery conditions. Graphite is conductive and can cause electrical short circuits and other electrical malfunctions.

Storage requirements: Store in a cool, well-ventilated area. Keep out of reach of children and pets.

Storage temperature: None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection: Use chemical safety goggles when there is a potential for eye contact.

Skin protection: Chemical-resistant gloves and protective clothing that is impervious under conditions of use.

Respiratory protection: NIOSH/MSHA-approved dust respirator, if required.

Other protective equipment: Eye wash station.

Engineering controls: Provide local exhaust and/or adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Greyish black powder.

Odour: No odour.

Bulk density: 2.2 to 2.35.

Boiling point: No data.

Melting point: No data.

Solubility (water): Insoluble.

Solubility (other): No data.

pH: Not determined.

% volatile: None.

Evaporation rate (ether=1): Not applicable.

Vapour pressure (mm Hg at 20°C): Not applicable.

Vapour density (air=1): Not applicable.

10. STABILITY AND REACTIVITY DATA

Chemical stability: Stable under normal conditions.

Hazardous polymerization: Will not occur.

Conditions to avoid: None known.

Incompatibility with other substances: Strong oxidizing agents, acids and alkalis.

Hazardous decomposition products: Thermal decomposition may release oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Summary: May cause irritation to the eyes, skin and respiratory system.

Inhalation: Inhalation of dust may cause mechanical irritation to respiratory tract and may result in coughing.

Skin contact: May cause mild skin irritation and redness.

Eye contact: May cause minor irritation and redness to the eyes.

Ingestion: Not expected to be a health hazard by ingestion. May cause irritation to the gastrointestinal tract and may cause nausea, vomiting and diarrhoea.

Chronic effects: Long term inhalation of dust may result in silicosis or pneumoconiosis.

Carcinogenicity: This product contains trace level of crystalline silica. IARC Monograph vol. 68, 1997, concludes that there is sufficient evidence that inhaled crystalline silica causes cancer in humans.

12. ECOLOGICAL INFORMATION

Ecotoxicological information: None known.

Environmental effects: Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.

13. DISPOSAL CONSIDERATIONS

Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage or to sewer systems.

14. TRANSPORT INFORMATION

TDG classification: Not regulated.

Transportation emergency telephone number: 613-787-5620.

15. REGULATORY INFORMATION

WHMIS classification: Not regulated.

16. OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Norac Concepts Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years.

Prepared by: Norac Concepts Inc.