



## General Purpose Black Winter Grade

NFPA Codes	
Health	0
Flammability	1
Reactivity	0

### Section 1 - Product Identification

Product Name: General Purpose Black – Winter Grade  
 Product Part Number: GPBWG  
 Product Type: Valve Lubricant/Sealant

### Section 2 - Hazardous Ingredients / Identity Information

Hazardous Ingredients	CAS Number	%	Exposure Limits

### Special Hazard Designations

DOT (49 CFR 172) Not regulated  
 OSHA (29 CFR 1910.1200) Evaluation: Non hazardous  
 RCRA (40 CFR 261) Evaluation: Non hazardous  
 EPA/TSCA Listed Ingredients: None

### Section 3 - Health Hazard Data

#### Routes of Entry:

**Inhalation** – Use NIOSH approved dust/mist respirator when grinding or machining coating or coated items. This product contains molybdenum powder. No exposure to free molybdenum powder is anticipated during normal usage of this product.

**Skin** – No

**Ingestion** – No

**Health Hazards (Chronic):** None Known

#### Carcinogenicity:

NTP – No

IARC Monographs – No

OSHA Regulation – No

#### Signs and Symptoms of Exposure:

**Eyes** – Mechanical Irritant, prolonged exposure may cause irritation.

**Inhalation** – This material contains molybdenum powder. No exposure to free molybdenum powder is anticipated during normal usage of this product. However, repeated and prolonged inhalation of molybdenum or carbon dust may cause pulmonary fibrosis, emphysema, and pneumoconiosis.

**Ingestion** – Moderately irritating by ingestion.

**Skin** – In contact with the skin, product acts as a slight local irritant and allergen.

**Medical Conditions Generally Aggravated by Exposure:** None Known.

### Section 4 - Emergency and First Aid Procedures

**Eyes:** Remove any contact lenses. Flush eyes with water for 15 minutes while holding eyelids open. If irritation persists get medical attention.

**Inhalation:** First Aid not anticipated to be needed.

**Ingestion:** If ingested get medical attention. Do not induce vomiting. Wash out mouth with water. Get medical attention if nausea or stomach pains occur.

**Skin:** Wash thoroughly with soap and water, launder soiled clothing before reuse. Get medical attention if irritation occurs. High pressure injection under skin requires immediate medical attention.

### Section 5 - Fire and Explosion Hazard Data

Flash Point (C.O.C.): 550° F.

Flammable Limits-Lower: N/A Upper: N/A

Combustion Products: Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, & Sand

Special Fire Fighting Procedures: Standard fireman's protection and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Water may cause frothing.

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### Section 6 - Accidental Release Measures

**Wear appropriate personal protection equipment** (See Section 8).

**Steps to be taken in case material is released or spilled:** Attempt to recover. Pick up small spills with shovel or spatula. Clean small residue amount with soap and water. Clean large amount with suitable oil absorbent. Keep material out of sewers and waterways. Advise appropriate authorities if large amount of product enters waterways or large land areas.

**Waste Disposal Method:** Comply with all governmental regulations.

### Section 7 - Precautions for Safe Handling, Use & Storage

**Steps to be taken in case material is released or spilled:** Attempt to recover. Pick up small spills with shovel or spatula.

**Waste Disposal Method:** Comply with all governmental regulations.

**Precautions to be taken in Handling and Storage:** Do not store containers in direct sunlight; keep containers away from excessive heat, and in a cool dry place. Store below 140° F. Keep away from strong acids and oxidizers.

### Section 8 - Control Measures

**Respiratory Protection:** Use NIOSH approved dust/mist respirator when grinding or machining coating or coated items. This product contains molybdenum powder. No exposure to free molybdenum powder is anticipated during normal usage of this product.

**Ventilation – Local Exhaust:** Applicable.

**Protective Gloves:** Neoprene Coated Gloves, if prolonged or repeated contact is unavoidable.

**Eye Protection:** Safety Glasses

**Work/Hygienic Practices:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking or leaving work area.

### Section 9 - Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air =1): N/A

Solubility in Water: Insoluble

Insoluble in alcohols and petroleum distillates

Viscosity: Cone penetration (ASTM D-217) 250-300

Appearance / Odor: Black / Mild to neutral odor

Specific Gravity (H<sub>2</sub>O = 1): 1.12

Melting Point: None

Evaporation Rate (Butyl Acetate = 1): N/A

Meets MIL-G-6032

### Section 10 - Stability & Reactivity Data

**Stability:** Material is chemically stable.

**Conditions to avoid:** Extreme heat.

**Incompatibility (materials to avoid):** Strong Oxidizing agents.

**Hazardous Decomposition Products:** Oxides of Carbon when burned.

**Hazardous Polymerization:** Will not occur under normal conditions.

### Section 11 - Toxicological Information

**Acute toxicity:** N/A

**Carcinogenicity:** N/A

**Corrosivity:** N/A

**Germ Cell Mutagenicity:** N/A

**Irritation:** May cause mild redness or discomfort with eye contact.

**Sensitization:** N/A

### Section 12 - Ecological Information

Non-hazardous. Biodegradable

### Section 13 - Disposal Consideration

Disposal should be in accordance with Federal, State and Local Regulations.

## General Purpose Black Winter Grade

### Section 14 - Transport Information

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N/A Material is non-hazardous – not regulated by DOT or IMDG.  
Material is not dangerous or hazardous for transport by IATA.

### Section 15 - Regulatory Information

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#### State Regulations

- California Prop. 65:** No ingredients listed.
- Massachusetts Right to Know:** No ingredients listed.
- New Jersey Right to Know:** No ingredients listed.
- Pennsylvania RTK Hazardous Substances:** No ingredients listed.
- United States inventory (TSCA):** All ingredients listed or exempt.

#### US Regulations

No ingredient in this product is subject to the reporting requirements of SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

#### International Regulations

- Canada: WHMIS Classification: Not controlled. WHMIS:** This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.
- Canada Domestic Substances List:** All ingredients listed or exempt.
- Europe Inventory (EINECS):** All ingredients listed or exempt.
- Australia Inventory (AICS):** All ingredients listed or exempt.
- China Inventory (IECSC):** All ingredients listed or exempt.
- New Zealand Inventory of Chemicals (NZIoC):** All ingredients listed or exempt.
- Philippines Inventory (PICCS):** All ingredients listed or exempt.

### Section 16 - Other

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None

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Dualco Inc. for further information: 713-644-1164.

**Abbreviations:** N/A: Not Applicable N/D: Not Determined.