

MATERIAL SAFETY DATA SHEET

G&G Oil Co. of Indiana Inc.
 Address: PO Box 71, Muncie In. 47308
 Emergency Phone Number: 765-288-7795
 Chemical Name and Synonyms: Petroleum Hydrocarbons and Additives
 Product Name: G&G P-EP 2
 Generic Name: Lubricating Grease
 Prepared/Updated: 9/25/2007

1-Slight
 2-Moderate
 3-Severe
 4-Extreme

NFPA Codes: Health-0, Fire-1, Reactivity-0, Protective-B

Section 1 Ingredients

Component	Percent	CAS#	Notes
Mineral Oil	75-95	64742-65-0	
Urea	10-15	64742-62-7	
Anthraquinone Blue	0.1	67774-69-0	
		71819-49-3	

Note (1): Subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372), toxic chemicals.

Section 2 Occupational Exposure Limits

OSHA	ACGIH	OTHER
PEL/TWA	PEL/CEILING	TLV/TWA TLV/STEL
5 mg/M ³ *	None	5 mg/M ³ * 10 mg/M ³ None
* Oil Mist, Mineral		

Section 3 Physical Data

Specific Gravity (H ₂ O=1):	0.88
Boiling Point (° F):	700
Vapor Pressure (mm Hg) 100 ° F:	N/A
Vapor Density (Air=1):	Heavier than Air
Solubility in Water:	Negligible
Percent Volatile by volume:	N/A
Evaporation Rate (Butyl Acetate=1):	N/A
Appearance:	Light blue semi-fluid
Odor:	Bland

Product Code: 60000625

Page 1

Section 4 Fire and Explosion Data

Flash Point ° F: 470
 Auto Ignition Temperature ° F: 500
 Melting Point ° F: 500
 Flammable Limits: Upper - N/A
 Lower - N/A
 Extinguishing Media: Use water fog, dry chemical, foam or CO₂.
 Do not use water. Water may cause frothing.
 Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum (even empty) because product (even residue) can ignite.
 Fire Fighting Procedures: Wear self-contained breathing apparatus with a full-face shield operated in the positive pressure demand mode when fighting fires.

Section 5 Health Hazard Data

The health effects noted below are consistent with requirements under the OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)
Eye Contact: Lubricating greases are generally considered no more than minimally irritating to the eyes.
Skin Contact: Lubricating greases are generally considered no more than mildly irritating to the skin.
 Prolonged and repeated contact may result in various skin disorders such as dermatitis, folliculitis or oil acne.
Inhalation: Inhalation of vapor (generated at high temperatures only) or oil mist from this product may result in mild irritation of the upper respiratory tract.
Ingestion: Lubricating greases are generally considered no more than slightly toxic if swallowed.
 Other: None.

Section 6 Emergency First Aid Procedures

Skin: Wash skin thoroughly with soap and water. Remove soiled clothing.
Eye: Flush with clean low-pressure water for 15 minutes. If irritation persists seek medical attention.
Inhalation: Remove from contaminated area.
Oral: Do not induce vomiting, seek medical attention.
 Additional: None

Section 7 Protection Information

Ventilation: Use with an adequate ventilation system.
Skin: Gloves, aprons, etc., of an impervious material is suggested.
Eye Protection: Not essential for handling under normal use conditions.
Other: Use soap and water to remove soil from skin. Never use gasoline, solvents or harsh abrasive cleaners.

Product Code: 60000625

Page 2

Section 8 Reactivity

Stability: Stable **Hazardous Polymerization:** Will not occur
Conditions and Materials to Avoid: Avoid heat, open flames and oxidizing materials.
Hazardous Decomposition Products: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulate and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide, hydrogen sulfide, and other unidentified organic compounds may be formed upon combustion.

Section 9 Environmental Protection

Spill or Leak Procedures: Lubricating Grease may burn, although not readily ignitable. Use caution when cleaning up large spills. *** Large spills *** wear respirator and protective clothing as needed. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to a storage salvage vessel if applicable. Soak up residue with an absorbent such as clay, sand, or other suitable materials; Dispose of in accordance with local, state, federal and provincial regulations. Flush area with water to remove trace residue. *** Small Spills *** Take up with an absorbent; material and dispose of properly.

Section 10 Environmental Release

NOS Component:
None

RQ (Reportable Quantity) - 49 CFR 172.101
Not Applicable

Section 11 Transport Information

DOT Information - 49 CFR 172.101
DOT Description:
NON-REGULATED BY D.O.T

Section 12 Toxicological Information

No data

Section 13 Ecological Information

No data

Product Code: 60000625

Page 3

Section 14 Regulatory Information

US Federal Regulations
TSCA (Toxic Substance Control Act) Status
 TSCA (United States) The intentional ingredients of this product are listed.
CERCLA RC - 40 CFR 302.4
 None listed
SARA 302 Components - 40 CFR 355 Appendix A
 None
Section 311/312 Hazard Class - 40 CFR 370.2
 Immediate, Delayed
Section 313 Components - 40 CFR 372.65
 None

Section 15 Special Precautions or Other Comments

Containers of this material may be hazardous when emptied. Since empty containers retain product residues (Vapor, Liquid, and/or Solid), all hazard precautions given in the data sheet must be observed.
Warning!! Sudden release of Hot Organic Chemical Vapors or Mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "Auto-ignition" or "Ignition" temperature values cannot be treated as safe operating temperatures in Chemical Processes without analysis of the actual process conditions.
 Hydrocarbon Solvents are basically non-conductors of electricity and can become electrostatic ally charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

The information accumulated herein is believed to be accurate but not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

Prepared by Shale A. Neal
 Technical Director
 G&G Oil Company of Indiana, Inc.
 220 East Centennial Ave.
 Muncie, IN 47303

Product Code: 60000625

Page 4