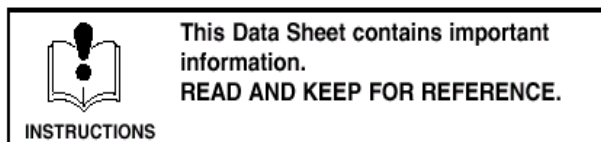


Material Safety Data Sheet



MSD064

Rev. B
Updated: 5/12

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Grease Lubricant
Chemical Name: Petroleum Lubricating Grease
Manufacturer / Supplier:
Graco Inc.
P.O. Box 1441
60 11th Ave. NE
Minneapolis, MN 55440-1441
Part Number(s): 111920
Use: Grease Lubricant

Emergency Information:
Health Emergency (RMPC): (303)- 623-5716
Chemical Spills (Chemtrec): (800)- 424-9300

Section 2 – Composition/Information on Ingredients

<u>Ingredients with CAS#’s</u>	<u>CAS#</u>	<u>Percentage</u>
Mineral Oil	64742-52-5	80 - 90%
Lithium Thickener	4485-12-5	0 - 10%
Sulfurized Fatty Oil	68991-19-5	0 - 5%
Zinc Oxide	1314-13-2	5 - 10%

Hazardous Material Identification System (HMIS): Health - 1, Flammability - 1, Reactivity - 0
Not a Controlled Product under (WHMIS) - Canada **Special Protection: See Section 9**

Section 3 - Health Hazard Data

Threshold Limit Value 5 mg/m³ for oil mist in air. OSHA Regulation 29 CFR 1910.1000

Effects of Overexposure Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 4 - Emergency and First Aid Procedures

EYE CONTACT: Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

SKIN CONTACT: Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.

INHALATION: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.

INGESTION: If ingested, call a physician immediately. Do not induce vomiting.

Section 5 - Fire and Explosion Hazard Data

Flash Point (Method Used)	COC - 400°F	Flammable Limits	LEL 0.9%	UEL 7.0%
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)			
Special Fire Fighting Procedures	Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.			
Unusual Fire and Explosion Hazards	Do not store or mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode.			

Section 6 - Physical/Chemical Characteristics

Boiling Point	>550°F	Specific Gravity (H ₂ O = 1)	0.94 - 0.95
Vapor Pressure (mm Hg.)	<0.01	Melting Point	Semi-solid
Vapor Density (AIR = 1)	>5	Evaporation Rate (Butyl Acetate = 1)	<0.01
Solubility in Water	Negligible		
Appearance and Odor	Smooth, tan grease with mineral oil odor.		

Section 7 - Reactivity Data

Stability	Unstable Stable X	Conditions to Avoid	N/A
Incompatibility (Materials to Avoid)	Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.		
Hazardous Decomposition or Byproducts	May form SO ₂ . If incomplete combustion, Carbon Monoxide.		
Hazardous Polymerization	May Occur Will Not Occur X	Conditions to Avoid	N/A

Section 8 - Spill or Leak Procedures**Steps to be taken in case material is released or spilled**

Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and watercourses. Advise authorities if product has entered or may enter sewers and watercourses.

Waste disposal method

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

SARA/TITLE III, Section 313 Status - Zinc Compounds < 6%

Section 9 - Special Protection Information

Respiratory Protection (Specify type)	Normally not needed		
Ventilation	Local Exhaust Mechanical (General)	Used to capture fumes and vapors	Special N/A Other N/A
Protective Gloves	Use oil-resistant gloves, if needed.		Eye Protection If chance of eye contact, wear goggles.
Other Protective Equipment	Use oil-resistant apron, if needed.		

Section 10 - Special Precautions**Precautions to be taken in handling and storing**

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

Other Precautions

Remove oil-soaked clothing and launder before reuse. Cleanse skin thoroughly after contact.

Section 11 - Toxicological Information

Heavy hydrotreated naphthenic distillates (petroleum): TOXICITY DATA: Low order of dermal and oral toxicity.

Inedible animal grease: TOXICITY DATA: No data available.

Zinc oxide : TOXICITY DATA: No data available.

Antimony diamyldithiocarbamate: TOXICITY DATA: Greater than 5,000 mg/kg LD50 oral-rat

Stearic acid: TOXICITY DATA: Greater than 10,000 mg/kg LD50 oral-rat

Lithium hydroxide monohydrate: TOXICITY DATA: 210 mg/kg LD50 oral-rat

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

LAND TRANSPORT ADR: No classification assigned.
LAND TRANSPORT RID: No classification assigned.
AIR TRANSPORT IATA: No classification assigned.
AIR TRANSPORT ICAO: No classification assigned.
MARITIME TRANSPORT IMDG: No classification assigned.

Section 15- Regulatory Information

EUROPEAN REGULATIONS:
EC CLASSIFICATION (CALCULATED): Not classified as dangerous.
SARA/TITLE III, Section 313 Status – Zinc compounds <6%, Antimony compounds <3%

Prepared By

Graco, Inc.

This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we have received from sources outside our company. We believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this Data Sheet may not be adequate for all individuals and/or situations. It is the users' obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

NOTES: NA = Not Applicable; NE = Not Established; UN = Unavailable

All written and visual data contained in this document reflects the latest product information available at the time of publication.

Graco reserves the right to make changes at any time without notice.

Headquarters: Minneapolis

International Offices: Belgium, Korea, Hong Kong, Japan

GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

www.graco.com

PRINTED IN U.S.A.