


# Material Safety Data Sheet



**MSD085**  
Rev. A  
Updated: 2/24/10

 <p>This Data Sheet contains important information. <b>READ AND KEEP FOR REFERENCE.</b></p> <p>INSTRUCTIONS</p>
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## 1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** EP-NLGI #00 GREASE

**Manufacturer / Supplier:**

Graco Inc.

P.O. Box 1441

60 11th Ave. NE

Minneapolis, MN 55440-1441

**Part Number(s):** 557941

**Use:** USED IN GREASE JOCKEY APPLICATIONS

**Emergency Information:**

Health Emergency (RMPC): (303)- 623-5716

Chemical Spills (Chemtrec): (800)- 424-9300

## 2.0 COMPOSITION / INFORMATION ON INGREDIENTS

NAME	PEL/TLV, SOURCE	CAS#	% By Weight
PROPRIETARY FORMULA			
Zinc oxide	5 mg/m <sup>3</sup> (fumes) OSHA	1314-13-2	1-3
LC/50, LD50 of ingredients	Not available		

## 3.0 HAZARDS IDENTIFICATION

**Emergency Overview:** Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

### Potential Health Effects:

<b>Eye Contact</b>	May cause slight irritation and redness
<b>Skin Contact</b>	Prolonged or repeated contact may cause mild irritation.
<b>Inhalation</b>	Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, those vapors or mists may cause irritation of the breathing passages.
<b>Ingestion</b>	Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.
<b>Carcinogenicity</b>	NTP? No IARC Monographs? No OSHA Regulated? No
HMIS Code Health: 1 Fire: 1 Physical Hazard: 0	
<b>Hazard Rating:</b> least = 0, slight = 1, moderate = 2, high = 3, extreme = 4	

## 4.0 FIRST AID MEASURES

<b>Eye</b>	Remove contact lenses, if wearing, and flush eyes with water for 15 minutes. If irritation persists, consult a physician.
<b>Skin</b>	Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.
<b>Inhalation</b>	If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or respiratory discomfort occurs.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention.

Never give anything by mouth to an unconscious person. Consult a physician.

## 5.0 FIREFIGHTING MEASURES

<b>Flashpoint</b>	450°F (232°C), lowest oil, ASTM D 92
<b>Special Fire Fighting Proc.</b>	Keep containers cool with water spray to prevent container rupture due to steam buildup
<b>Flammable Limits (Approx.)</b>	LOWER flammable limit: not available. UPPER flammable limit: not available
<b>Explosion Hazards</b>	See Lower and Upper Flammable Limits
<b>Products of Combustion</b>	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.
<b>Firefighting Media and Instructions</b>	Water fog, carbon dioxide, dry chemical, foam, earth or sand are all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Do not use water as an extinguishing medium, as it may cause frothing. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. Use water to keep fire-exposed containers cool. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
<b>Unusual Fire and Explosion Hazards</b>	Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for the firefighters. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).

## 6.0 ACCIDENTAL RELEASE MEASURES

<b>Release or Spill</b>	Recover free product using non-sparking tools and equipment. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by dicing or impounding. Advise authorities if the product has entered or may enter sewers, watercourse, or extensive land areas.
<b>Environmental Impact</b>	Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

## 7.0 HANDLING AND STORAGE

<b>Handling</b>	Keep away from heat, sparks, and open flame. Do not throw empty container into fire or trash compactor. Container is not designed to contain pressure; do not use pressure to empty container or it may rupture with explosive force. "Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, or grind such containers as they may explode and can cause injury or death. Use only with adequate ventilation. Do not breathe vapor or mist. Do not take internally. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not transfer to nor store in an unmarked container. Read label and MSDS before using. Do not smoke when handling or using this product. Do not use in high-pressure systems in the vicinity of flames, sparks and hot surfaces. Empty container should be promptly returned to a drum reconditioner. For industrial use only.
<b>Storage</b>	Store in tightly sealed containers. Store in a cool, dry place out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 49°C (120°F). Rotate stock.

## 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eye</b>	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
<b>Respiratory Protection</b>	Use supplied-air respiratory protection in confined or enclosed spaces, if needed.
<b>Ventilation</b>	Not required under normal condition of use. See Engineering Controls.
<b>Protective Gloves</b>	Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.
<b>Personal Hygiene</b>	Wash skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
<b>Engineering Controls</b>	Use local exhaust to capture vapor, mists or fumes, if needed.
<b>Exposure Limit</b>	5 mg/m3 (oil mist) OSHA, for total product; see Section II for component exposure limit(s).

## 9.0 CHEMICAL AND PHYSICAL PROPERTIES

<b>Appearance and Odor</b>	Amber, smooth lubricating grease with bland Petroleum odor
<b>Odor Threshold</b>	Not available
<b>Specific Gravity</b>	0.90 @ 60°F
<b>Density</b>	Not available
<b>Molecular Weight</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Freezing/Melting Point</b>	365°F (185°C)
<b>Vapor Pressure (mm Hg)</b>	<0.01 mm Hg @ 20°C
<b>Vapor Density (Air = 1)</b>	>5
<b>% Volatile (By WT)</b>	0.0
<b>Evaporation Rate</b>	Faster than butyl acetate
<b>Viscosity</b>	Not available
<b>Solubility in Water</b>	Negligible
<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Physical State</b>	Semi-solid

## 10.0 STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions of Instability</b>	Not available
<b>Conditions and Materials to Avoid</b>	Avoid heat, sparks, open flames and strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition</b>	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.
<b>Conditions of Reactivity</b>	Not available

## 11.0 TOXICOLOGICAL INFORMATION

<b>Routes of Entry</b>	Dermal contact, eye contact, inhalation, ingestion.
<b>Toxicity to Animals</b>	Not available
<b>Effects of Acute Exposure</b>	Not available
<b>Acute Effects of Sensitization</b>	Not available
<b>Chronic Effects on Humans:</b>	
<b>Carcinogenic Effects</b>	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].
<b>Mutagenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.
<b>Teratogenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
<b>Reproductive Effects</b>	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.
<b>Ingestion</b>	Not available
<b>Inhalation</b>	Not available
<b>Toxically Synergistic Products</b>	Not available

## 12.0 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	There is no data available on the adverse effects of this material on the environment.
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## 13.0 DISPOSAL INFORMATION

<b>Waste Disposal</b>	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, State and local regulations.
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## 14.0 TRANSPORTATION INFORMATION

### U.S. Dept. of Transportation:

<b>U.S D.O.T.</b>	
<b>Shipping Name</b>	Not regulated
<b>UN Number</b>	None
<b>Hazard Class</b>	None
<b>Packing Group</b>	None
<b>Remarks</b>	None

## 15.0 REGULATORY INFORMATION

### U.S. Federal Regulations

<b>CERCLA</b>	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4: None
<b>SARA Section 313</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: Zinc oxide, CAS # 1314-13-2, present at 1-3%
<b>SARA Extremely Hazardous List</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
<b>TSCA Inventory</b>	All components of this material are on the U.S. TSCA Inventory.
<b>California Prop. 65</b>	All components of this material are on the U.S. TSCA Inventory. None
<b>International Regulations</b>	
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified

	in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
<b>Japan MITI</b>	Not available
<b>Australia</b>	Not available
<b>Switzerland</b>	Not available

<b>Prepared By</b>	Graco, Inc.
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**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.*

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