

Safety Data Sheet



MSD085

Rev. c

Date: 14 MARCH 2016



This Data Sheet contains important information.
READ AND KEEP FOR REFERENCE.

INSTRUCTIONS

1.0 PRODUCT AND COMPANY IDENTIFICATION

Supplier:

Graco Inc.
P.O. Box 1441
88 11th Ave. NE
Minneapolis, MN 55440-1441

Contact: www.graco.com

For Chemical Emergency

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: 1-703-741-5970

Product Name: EP-NLGI #00 Grease

Part Number(s): 557941; 557942

Use: Grease Jockey Applications

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Eye Damage/Irritation Cat. 2

Label elements

Pictograms:



Signal word: Warning

Hazard statements: Causes serious eye irritation.

Precautionary statements: Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Causes mild skin irritation.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurity
	Zinc alkyl dithiophosphate	1-5	68649-42-3	None
	Mineral oil	Proprietary	Mixture	None

SECTION 4. FIRST-AID MEASURES

First aid measures

- Eye contact:** water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.
- Skin contact:** 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.
- Ingestion:** 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.
- Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Remove contact lenses, if wearing, and flush eyes with

Most important symptoms and effects, both acute and delayed:

Causes serious eye irritation.

Indication of any immediate medical attention and special treatment available:

See First aid measures (above).

General information:

No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.
<u>Unsuitable extinguishing media:</u>	Do not use direct stream of water.
<u>Specific hazards:</u>	Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
<u>Advice for firefighters:</u>	Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.

SECTION 6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions, protective equipment and emergency procedures:</u>	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.
<u>Environmental precautions:</u>	Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
<u>Methods for containment and cleaning up</u>	Land spill: Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal. Water spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

SECTION 7. HANDLING AND STORAGE

<u>Precautions for safe handling:</u>	Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
<u>Conditions for safe storage, including any incompatibilities:</u>	Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	Zinc alkyl dithiophosphate	Not available
	Mineral oil	5 mg/m ³ (mist), OSHA
<u>Exposure controls</u>		
<u>Engineering controls:</u>	Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.	
<u>Ventilation: Personal hygiene:</u>	Use in a well-ventilated area. See Engineering Controls. Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.	
<u>Eye protection: Hand protection:</u>	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur. Any lined non-permeable rubber gloves.	
<u>Respiratory protection:</u>	Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odor:	Amber, smooth lubricating grease with characteristic odor	Upper flammability limit:	Not available
		Lower flammability limit:	Not available
Physical state:	Semi-solid	Vapor pressure:	Not available
Odor threshold:	Not available	Vapor density:	Not available
pH:	Not available		
Melting / freezing point:	Not available	Relative density:	0.88 (typical)

Initial boiling point and boiling range:

Partition coefficient (n-octanol/water): Not available

Flash point: 450°F (232°C), ASTM D 92

Evaporation rate: Not available

Autoignition temperature: Not available

Decomposition temperature: Not available

Flammability (solid, gas): Not applicable

Viscosity: not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended conditions.

Possibility of hazardous reactions: Conditions and materials to avoid: Hazardous reactions are not expected to occur.

Avoid heat, sparks, open flames and strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

Hazardous decomposition products: Carbon oxides; oxides of phosphorus; nitrogen oxides (NOx); sulphur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact: Causes serious eye irritation.

Skin contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

<u>Component information:</u>	<u>Component</u>	<u>LD50</u>	<u>LC50</u>
	Zinc alkyl dithiophosphate	2,000-5,000 mg/kg, based on similar materials	Not available
	Mineral oil	Not available	Not available

Information on physical, chemical and toxicological effects

Symptoms: See Section 4 of this SDS for symptoms.

Delayed and immediate effects, and chronic effects, from short and long-terms exposure

Effects: Causes serious eye irritation.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Component information:	Components	L(E)C50
	Zinc alkyl dithiophosphate	1-1.5 mg/l/48h (Daphnia magna)
	Mineral oil	Not available

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Not available

Other adverse effects: Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	Proper Shipping Name:	UN Number:	Hazard Class:	Packing Group:	Remarks:
U.S. D.O.T.	Not regulated	None	None	None	None
ADR/RID	Not regulated	None	None	None	None
IMDG	Not regulated	None	None	None	None
IATA	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

**SARA Section 302
Extremely Hazardous
Substances:**

This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

**SARA Section 304
CERCLA Hazardous
Substances:**

Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA:
None

**SARA Section 313 Toxic
Chemicals:**

This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: Zinc compounds, present @ 1.0%

TSCA Inventory:

All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

**California Proposition 65
Status:**

This product may contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**California Proposition 65
Listed Components:**

May contain trace amounts of listed chemicals: silica, naphthalene.

International Regulations

Canada:

This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.

Japan MITI:

Not
available

Australia:

Not
available

Switzerland:

Not available

SECTION 16. OTHER INFORMATION

Revision History: REVISION C, UPDATED VENDOR SDS, 14 MARCH 2015

Prepared By	Graco, Inc.
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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.

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

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