

Material Safety Data Sheet



307768

Rev. F



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

INSTRUCTIONS

First choice when
quality counts.™

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gear Reducer Oil

Chemical Name: Synthetic hydrocarbons & additives

Manufacturer / Supplier

Graco Inc.
P.O. Box 1441
60 11th Ave. NE
Minneapolis, MN 55440-1441

Part Number(s): 204559

Use: Lubricant used in agitator gear boxes.

NFPA Hazard ID:

Health	0
Flammability	1
Reactivity	0

Emergency Information

Health Information (RMPC): 303-623-5716

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

(Chemtrec is to be used only in the event of chemical emergencies involving a spill, leak, exposure, or accident involving chemicals.

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: SYN. HYDROCARBONS AND ADDITIVES

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH: This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.

See Section 15 for European Label Information.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

EFFECTS OF OVEREXPOSURE: No significant effects expected.

EMERGENCY RESPONSE DATA: Orange Liquid. DOT ERG No. – NA

4. FIRST AID MEASURES

Eye Contact	Flush thoroughly with water. If irritation occurs, call a physician.
Skin Contact	Wash contact areas with soap and water.
Inhalation	Not expected to be a problem.
Ingestion	Not expected to be a problem. However, if greater than 1/2 liter (pint) ingested, seek medical attention.

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

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5. FIREFIGHTING MEASURES

Extinguishing Media	Carbon dioxide, foam, dry chemical, and water fog		
Special Firefighting Procedures	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.		
Special Protective Equipment	For fires in enclosed areas, fire-fighters must use self-contained breathing apparatus.		
Unusual Fire and Explosion Hazards	None.		
Flash Point C (F) ASTM D-92	> 210° (410°)		
Flammable Limits	LEL: NA	UEL: NA	
NFPA Hazard ID	Health: 0	Flammability: 1	Reactivity: 0
Hazardous Decomposition Products	Carbon monoxide, Elemental oxides, Metal oxides		

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers or drains and contact with soil.

PERSONAL PRECAUTIONS: See Section 8

7. HANDLING AND STORAGE

Handling	No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice.
Storage	Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	No special requirements under ordinary conditions of use and with adequate ventilation.
Respiratory Protection	No special requirements under ordinary conditions of use and with adequate ventilation.
Eye Protection	Normal industrial eye protection practices should be employed.
Skin Protection	No special equipment required. However, good personal hygiene practices should always be followed.
Exposure Limits	This product does not contain any components which have recognized exposure limits. However, an exposure limit of 5.00 mg/m ³ is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

Appearance	Liquid
Color	Orange
Odor	Mild
Odor Threshold – ppm	NE
pH	NA
Boiling Point C (F)	NE
Melting Point	NA
Flash Point C (F) ATSM D-92	> 210° (410°)
Flammability	NE
Auto Flammability	NE
Explosive Properties	NA
Oxidizing Properties	NA

Vapor Pressure (mm Hg 20° C)	< 0.1
Vapor Density	NE
Evaporation Rate	NE
Relative Density, 15/4 C	0.869
Solubility in Water	Negligible
Partition Coefficient	NE
Viscosity at 40° C, cSt	449.5
Viscosity at 100° C, cSt	44.9
Pour Point C (F)	–30° (–22°)
Freezing Point	NE
Volatile Organic Compound	NA.

For further Technical Information, contact your marketing representative.

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

10. STABILITY AND REACTIVITY

Stability (Thermal, light, etc.)	Stable
Conditions to Avoid	Extreme heat
Incompatibility (Materials to Avoid)	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide, Elemental oxides, Metal oxides
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicology:

Oral Toxicity (Rats)	Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.
Dermal Toxicity (Rabbits)	Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.
Inhalation Toxicity (Rats)	Not applicable. Harmful concentrations of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.
Eye Irritation (Rabbits)	Practically non-irritating. (Draize Score: greater than 6 but 15 or less). Based on testing of similar products and/or the components.
Skin Irritation (Rabbits)	Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). Based on testing of similar products and/or the components.

Other Toxicology Data:

This product is formulated with a synthetic hydrocarbon as the base stock. The Mobil Environmental and Health Sciences Laboratory has tested representative synthetic base stocks to assess their potential adverse effects on human health. Assessment of human health effects was based on acute oral, dermal, and inhalation toxicity; eye and skin irritation; subchronic dermal toxicity and reproductive studies; guinea pig sensitization; and mutagenicity and chromosomal damage assays. None of these base stocks appears to pose a health hazard to humans under conditions of expected use.

12. ECOLOGICAL INFORMATION

Environmental Fate and Effects: Not Established

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA Information:

The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORTATION INFORMATION

USA DOT	Not regulated by USA DOT.
RID/ADR	Not regulated by RID/ADR.
IMO	Not regulated by IMO.
IATA	Not regulated by IATA.

15. REGULATORY INFORMATION

Governmental Inventory Status	All components comply with TSCA, and EINECS/ELINCS.
EU Labeling	EU labeling not required.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III

This product contains no "Extremely Hazardous Substances".

SARA (311/312) Reportable Hazard Categories

None

SARA (313) Toxic Release Program

This product contains no reportable chemicals.

THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE UNDER THE FOLLOWING CATEGORY: H2 – Lubricants With No Food Contact

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
TRIPHENYL PHOSPHATE (0.21%)	115-86-6	22
TRICRESYL PHOSPHATE (0.06%)	1330-78-5	22

REGULATORY LISTS SEARCHED

1= ACGIH ALL	6=IARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293
3=ACHIH A2	8=IARC 2B	13=TSCA 5e	18 = CA RTK	23=MN RTK
4=NTP CARC	9=OSHA CARC	14 = TSCA 6	19=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

Code Key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

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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