



Multi-Purpose Gear Lubricant

SDS - Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Multi-Purpose Gear Lubricant 80W-90, 85W-140

Other means of identification: Automotive Gear Oil

SDS Number: 332105

CAS Number: Blend

CHEMTREC: EMERGENCY CONTACT 1-800-424-9300

Supplier:

Nu-Tier Brands, Inc.

33 Tech Valley Drive / Suite 202

East Greenbush, NY 12061

Under License from Gulf Oil LP

TECHNICAL CONTACT NUMBER: 1-800-566-4853

www.gulflubricants.net

2. HAZARDS IDENTIFICATION

Classified of the substance or mixture

Aquatic Acute 3; H402 Harmful to aquatic life.

Label Elements

H402 Harmful to aquatic life.

(Prevention)

P273 - Avoid release to the environment.

(Response)

No GHS response statement

(Storage)

No GHS storage statement

(Disposal)

P501 Disposal of contents of container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Residual oils (petroleum), solvent dewaxed CAS Number: 64742-62-7	50 - 75	Not Classified	----
1-propene, 2-methyl-, sulfurized CAS Number: 68511-50-2	1 - 5	Not Classified	----

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.



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4. FIRST AID MEASURES

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview	No specific symptom data available. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.
Inhalation	

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. People without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place it in closed containers outside buildings and dispose of according to the Waste Regulations.



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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information
Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)

No available information

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS No.	Ingredient	Source	Value
64742-62-7	Residual oils (petroleum), solvent dewaxed	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
68511-50-2	1-propene, 2-methyl-, sulfurized	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

It contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 5 mg/m³ ACGIH.

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Avoid skin contact. Protective gloves recommended.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Amber to brown Liquid
Odor	Mild Petroleum
Odor threshold	No available information
pH	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flash Point	430 °F 225 °C, min. Test method: ASTM D-92
Evaporation rate (Ether = 1)	No available information
Flammability (solid, gas)	No available information



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Upper/lower flammability or explosive limits

Lower Explosive Limit: No available information

Vapor pressure (Pa)

Upper Explosive Limit: No available information

Vapor Density

No available information

Relative Density

No available information

Solubility in Water

0.87 - 0.91 @ 60°F (15.6°C) (water = 1)

Partition coefficient n-octanol/water (Log Kow)

No available information

Auto-ignition temperature

No available information

Decomposition temperature

No available information

Viscosity (cSt)

No available information

VOC Content

14.0 - 32.0 cSt @ 100°C; 97 - 441 cSt @40°C

Oxidizing properties

No available information

Explosive properties

No available information

No available information

10. STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Residual oils (petroleum), solvent dewaxed - (64742-62-7)	No data available.	No data available.	No data available.	No data available.	No data available.
1-propene, 2-methyl-, sulfurized - (68511-50-2)	No data available.	No data available.	No data available.	No data available.	No data available.



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Carcinogen Data

CAS No.	Ingredient	Source	Value
64742-62-7	Residual oils (petroleum), solvent dewaxed	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
68511-50-2	1-propene, 2-methyl-, sulfurized	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Residual oils (petroleum), solvent dewaxed - (64742-62-7)	No data available.	No data available.	No data available.
1-propene, 2-methyl-, sulfurized - (68511-50-2)	No data available.	No data available.	No data available.

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment



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This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No available information

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. TRANSPORTATION INFORMATION

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	No available information		

15. REGULATORY INFORMATION

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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16. OTHER INFORMATION

The data in this Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of Nu-Tier Brands, Inc. The data on this sheet are related only to the specific material designated herein. **Nu-Tier Brands, Inc.** assumes no legal responsibility for use or reliance upon this data.

END OF SDS