

Safety Data Sheet

SDS Number: GEAR-3
Issue Date: 6/15/2019
Revised Date: N/A
Version No: 1



1. IDENTIFICATION

Product Name: TEC-GUARD® EXTREME FULL SYNTHETIC LIMITED SLIP 75W-90 GEAR OIL
Company Name & Address: RILCO, 1320 1st Street, Rock Island, IL 61201
For More Information Call: (309) 788-5631 (Monday-Friday 8:00-4:30)
In Case of Emergency Call: (800) 424-9300 Chemtrec (24 Hours/7 Days)
Use of Substance/Mixture: GEAR OIL

2. HAZARD(S) IDENTIFICATION

Hazard Classification : Eye Irritation Aquatic Hazard
Category: 2B 4
Signal Word: **WARNING**
Hazard Statement(s): H320: Causes eye irritation
H413: May cause long-lasting harmful effects to aquatic life.
Pictogram(s):



Precautionary Statement(s):

P273: Avoid release to the environment.
P305: 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 attention.
P501 - Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

Description of Other Hazards: NONE

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: N/A

Chemical Name	CAS#	% By Weight	GHS-US
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The exact concentrations of ingredients are considered proprietary and are being withheld as a Trade Secret in accordance with paragraph (i) of §1910.1200. In addition, there is batch-to-batch variability in ingredient concentrations.

Mixture:

Chemical Name	CAS#	% By Weight
Hydrogenated Base Oil	64742-55-8	>25 - <50
1-Propene, 2-Methyl-, Homopolymer	9003-27-4	>25 - <50

4. FIRST-AID MEASURES

Description of First-Aid Measures:

First-Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures after Inhalation: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-Aid Measures after Skin Contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation

First-Aid after Eye Contact: Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-Aid after ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER/doctor.

Most Important symptoms and effects, both acute and delayed:

Symptoms after inhalation: Continuous Exposure/Contact: May cause respiratory irritation.

Symptoms after skin contact: Contact during a long period may cause light irritation.

Symptoms after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms after ingestion: Ingestion is likely to be harmful or have adverse effects.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Agents:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Agents:	Do not use a heavy water stream. Will float and can be reignited on water surface.
Fire Hazard:	Not flammable. Promotes combustion.
Explosion Hazard:	Not applicable.
Reactivity:	No dangerous reactions known under normal circumstances.
Protective Equipment/Precautions for Firefighters:	Cool tanks/drums with water spray/remove them into safety. Fight fire with normal precautions from a reasonable distance. Under fire conditions, hazardous fumes will be present. Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Protective fire fighting clothing (includes fire-fighting helmet, coat, pants, boots and gloves). Wear positive pressure self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment:	Use appropriate personal protection equipment (PPE).
Measures for Environmental Protection:	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Measures for Cleaning/Collecting:	Contain released product. Plug the leak, cut off the supply. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.
Conditions for Safe Storage:	Comply with applicable regulations. Store in a dry place. Keep cool. Keep container closed when not in use. Protect from sunlight. Keep away from heat, hot surfaces,

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sparks, open flames and other ignition sources. No smoking. Do not store near food, foodstuffs, drugs or potable water supplies.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:	TEC-GUARD® EXTREME FULL SYNTHETIC LIMITED SLIP 75W-90 GEAR OIL:	
ACGIH	ACGIH TWA (mg/m ³)	5.00 mg/m ³ Chemical name: Oil mist, mineral
ACGIH	ACGIH STEL (mg/m ³)	10.00 mg/m ³ Chemical name: Oil mist, mineral
OSHA	Remark (OSHA)	Skin notation

Exposure Controls: Ensure good ventilation of the work station.

Personal Protective Equipment: Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.



Protection of Hands: Wear suitable gloves resistant to chemical penetration.

Eye Protection: Chemical goggles or safety glasses.

Skin Protection: Wear suitable protective clothing.

Respiratory Protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties:

Physical State:	Liquid
Color:	Brown/Amber
Odor:	Petroleum-Like Odor
Odor Threshold:	No Data Available
Freezing Point:	No Data Available
Boiling Point:	No Data Available
Flash Point:	202°C (395°F)
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Auto-Ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available

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Vapor Pressure:	No Data Available
Vapor Density:	No Data Available
Solubility:	Water: Negligible
Specific Gravity:	.87
Viscosity @ 40°C, cSt	111.7
Viscosity, Dynamic:	No Data Available

10. STABILITY AND REACTIVITY

Reactivity:	No dangerous reactions known under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures. Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials:	Keep away from strong acids, strong bases and oxidizing agents.
Hazardous Decomposition Products:	Carbon dioxide. Carbon monoxide. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: LC50 inhalation rat, dusts and mists	Hydrogenated Base Oil (64742-55-8): 3900 mg/m ³ (4 h)
Skin Irritation:	Not Classified
Eye Irritation:	Not Classified
Inhalation:	Not Classified
Ingestion:	Not Classified
Reproductive Toxicity:	Not Classified
Carcinogenicity:	Hydrogenated Base Oil (64742-55-8): ACGIH A4
Aspiration Hazard:	Hydrogenated Base Oil (64742-55-8): ASPIRATION HAZARD-Category 1
Symptoms/effects after inhalation:	On continuous exposure/contact: May cause respiratory irritation.
Symptoms/effects after skin contact:	Contact during a long period may cause light irritation.
Symptoms/effects after eye contact:	Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion:	Ingestion is likely to be harmful or have adverse effects.

12. ECOLOGICAL INFORMATION

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Toxicity: 1-Propene, 2-Methyl-, Homopolymer:
Acute LC50 >5600000 µg/l Fresh water Fish - Oncorhynchus mykiss, exposure-96 h

Persistence and degradability: No additional information available.

Bioaccumulative Potential: No additional information available.

Mobility in soil: No additional information available.

Other adverse effects: No additional information available.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations: Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

Department of Transportation: Not regulated.

Transportation of Dangerous Goods: Not a dangerous good in sense of transport regulations.

ADR: No additional information available.

Transport by sea: No additional information available.

Air transport: No additional information available.

15. REGULATORY INFORMATION

U.S. Federal Regulations: (TSCA 8b): All components are listed or exempted.

EPA TSCA Regulatory Flag : Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed.

SARA Section 313 - Emission Reporting: No products found.

International Regulations: Not applicable.

Canada WHMIS: All components are listed or exempted.

EU: No additional information available.

U.S. State Regulations:

California Proposition 65: **WARNING:** This product contains less than 0.1% of a chemical known to the State of California to cause cancer. **WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

<u>Ingredient</u>	<u>Cancer</u>	<u>Reproductive</u>	<u>No Significant Risk Level</u>	<u>Maximum Acceptable Level</u>
Phenylethane	YES	NO	41 µg/day (ingestion)	NO
100-41-4			54 µg/day (inhalation)	

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Benzene	YES	YES	6.4 µg/day (ingestion)	24 µg/day (ingestion)
71-43-2			13 µg/day (inhalation)	49 µg/day (ingestion)
Naphthalene	YES	NO	YES	NO
91-20-3				

16. OTHER INFORMATION

NFPA

Health Hazard: 1-Exposure would cause irritation with only minor residual injury.

Fire Hazard: 1-Must be preheated before ignition can occur.

Reactivity: 0-Normally stable, even under fire exposure conditions, and are not reactive with water.

NS Symbol: N/A



Disclaimer: We believe that the information herein is factual but is not intended to be all inclusive. Because safety handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law.

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