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| SDS Number: | HDMO-2 |
| Issue Date: | 7/15/2019 |
| Revised Date: | 06/22/2026 |
| Version No: | 1 |

## 1. IDENTIFICATION

**Product Name:** TEC-GUARD® Extreme HDMO SAE 10W

**Company Name & Address:** RILCO, 400 S 14th Ave, Eldridge, IA 52748

**For More Information Call:** (800) 522-1150 (Monday-Friday 8:00-4:30)

**In Case of Emergency Call:** (800) 424-9300 Chemtrec (24 Hours/7 Days)

**Use of Substance/Mixture:** Lubricating Oil

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification:** **NOT CLASSIFIED**

| Hazard Class : | Category: | Hazard Statement: |
|---|---|---|
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| | | |
| | | |

See section 16 for full list of H statements.

**Signal Word:** **NONE**

**Hazard Statement(s):** **NONE**

This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

**Pictogram(s):** **NONE**

**Precautionary Statement(s):**

P273 Avoid release to the environment.

P501 Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

**Description of Other Hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 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 | GHS-US |
|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | 2.5 - 5 | H304 |
| Reaction products of benzenesulfonic acid, mono- C20-24 | 947-519-7 | .1 - .5 | H317 |
| (even)- sec-alkyl derivs. para-, calcium salts | | | |
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## 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 or rash occurs: Get medical advice/attention.

**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:** ON 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.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment:** Use appropriate personal protection equipment (PPE).

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| **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

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| **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.<br>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, sparks, open flames and other ignition sources. No smoking. Do not store near food, foodstuffs, drugs or potable water supplies. Store in a well-ventilated place. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| **Control Parameters:** | Ensure good ventilation of the work station. |
| **Breathing Equipment:** | Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. |
| **Protection of Hands:** | Wear suitable gloves resistant to chemical penetration. |
| **Eye Protection:** | Chemical goggles or safety glasses. |
| **Additional Recommendations:** | Wear suitable protective clothing. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Basic Physical and Chemical Properties:**

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| Physical State: | Liquid |
| Color: | Brown/Amber |
| Odor: | Petroleum-Like Odor |
| Odor Threshold: | No Data Available |
| Pour Point: | -36˚C |
| Boiling Point: | No Data Available |
| Flash Point: | 218˚C |
| Evaporation Rate: | No Data Available |
| Flammability: | No Data Available |
| Auto-Ignition Temperature: | No Data Available |
| Decomposition Temperature: | No Data Available |
| Vapor Pressure: | No Data Available |
| Vapor Density: | No Data Available |
| Solubility: | Water: Insoluble |
| Specific Gravity: | No Data Available |
| Viscosity @ 40°C, cSt | No Data Available |
| 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:** None known.

**Incompatible Materials:** Keep away from strong acids, strong bases and oxidizing agents.

**Hazardous Decomposition**

**Products:** No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Classified

**Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7):**

LD50 oral rat > 15 g/kg Acute dermal toxicity : LD50 (Rabbit): > 5 g/kg

LD50 dermal rabbit > 5 g/kg

Skin Irritation: Not Classified

Eye Irritation: Not Classified

Inhalation: Not Classified

Ingestion: Not Classified

Reproductive Toxicity: Not Classified

Carcinogenicity: Not Classified

STOT-Single Exposure: Not Classified

STOT-Repeated Exposure: Not Classified

Aspiration Hazard: Not Classified

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

Toxicity: Ecology-General:

**Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7):**

LL50 fish 1: >100 mg/l

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|---|---|
| EL50 (Aquatic invertebrates): | > 10.000 mg/l Exposure time: 48 h |
| EL50 (Algae, algal mat (Algae)): | > 100 mg/l Exposure time: 72 h |
| NOEC: | 10 mg/l Species: Fish |
| NOEC: | 10 mg/l Species: Aquatic invertebrates |

**Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts (947-519-7):**

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|---|---|
| LC50 (Oncorhynchus mykiss (rainbow trout)): | > 100 mg/l Exposure time: 96 h |
| EC50 (Daphnia magna (Water flea)): | > 1.000 mg/l Exposure time: 48 h |
| EC50 (Selenastrum capricornutum (green algae)): | > 1.000 mg/l Exposure time: 96 h |

Persistence and degradability:

**Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts (947-519-7):**

| | |
|---|---|
| Persistence and degradability: | 8 % Exposure time: 28 d Method: OECD Test Guideline 301D |
| Bioaccumulative Potential: | No bioaccumulation data available. |
| Mobility in soil: | No additional information available. |
| Other adverse effects: | No additional information available. |

## 13. DISPOSAL CONSIDERATIONS

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| Product/Packaging 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

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| Department of Transportation (DOT): | Not Regulated |
| Transportation of Dangerous Goods: | Refer to current TDG Canada for further Canadian regulations. |
| ADR: | Not Regulated |
| Transport by sea: | In accordance with IMDG / IMO: Not Regulated. |
| Air transport: | In accordance with IATA / ICAO: Not Regulated. |

## 15. REGULATORY INFORMATION

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|---|---|
| U.S. Federal Regulations: | Toxic Substances Control Act (TSCA): The intentional ingredients of |

this product are listed.

International Regulations:

Canada WHMIS: This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.

| **Chemical Name:** | All Components: |
|---|---|
| TSCA(United States Toxic Substances Control Act Section 8(b) Inventory): | Listed |
| DSL/NDSL(Canadian Domestic Substances List/Non-Domestic Substances List): | Listed |
| EINECS/ELINCS(European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances): | Not Listed |
| ENCS(Japan Existing and New Chemical Substances): | Not Listed |
| IECSC(China Inventory of Existing Chemical Substances): | Not Listed |
| KELC(Korean Existing and Evaluated Chemical Substances): | Listed |
| PICCS(Philippines Inventory of Chemicals and Chemical Substances): | Listed |

EU: No additional information available.

U.S. State Regulations:

California Proposition 65: This product does not contain any substance(s) known to the state of California to cause cancer, developmental toxicity and/or reproductive toxicity.

## 16. OTHER INFORMATION

**NFPA**

**Health Hazard:** 0-Poses no health hazard, no precautions necessary and would offer no hazard beyond that of ordinary combustible materials.

**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

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