REKLUSE FULL-SYN 10W-40

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Rekluse Racing LLC
12000 W Franklin Rd
Boise, ID 83709
USA
+1 208 426 0659

Product Name: Rekluse Full-Syn 10W-40
Article Number: RMS-1099001
Applications: 4T Engine Oil
Emergency Telephone: In USA: +1 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Not classified as hazardous in accordance with OSHA Hazcom 2012

GHS Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements:
Prevention: None
Response: None
Storage: None
Disposal: None
Other Hazards: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components | Content % | CAS Number
--- | --- | ---
Synthetic base oil | 75-90 | Proprietary
Multifunctional Additive Package | 10-20 | Mixture
Zinc dialkyl dithiophosphate | <5 | Proprietary

The specific identity and/or exact percentage has been withheld as a trade secret.
4. FIRST-AID MEASURES

Inhalation
If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

Skin Contact
Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

Eye Contact
Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.

Ingestion
If conscious, rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important Symptoms
Causes eye and skin irritation. May cause allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of Immediate Medical Attention Needed
Immediate medical attention is not required.

Notes to Physician
Treat appropriately

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Specific Hazards
This material will burn although it is not easily ignited. Combustion will produce carbon oxides and unidentified organic compounds.

Special Protective Equipment And Precautions For Fire-Fighters
Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear appropriate protective equipment. Wash thoroughly after handling. See also: “Personal Protection ”section 8.

Environmental Hazards
Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/Materials for Cleaning up: Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 “Disposal Considerations”.

7. HANDLING AND STORAGE

Precautions for Safe Handling:
- Avoid contact with eyes, skin and clothing.
- Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use.

Conditions for Safe Storage:
- Store in a cool area away from oxidizing agents. Protect containers from physical damage.

8. EXPOSURE CONTROLS/PERSOINAL PROTECTION

Exposure Limits:
- Synthetic base oil: 5 mg/m³ TWA OSHA PEL (as oil Mist)
- 5 mg/m³ TWA ACGIH TLV (inhalable)
- Multifunctional Additive Package: None Established
- Zinc dialkyl dithiophosphate: None Established

Appropriate Engineering Controls:
- Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive, increased mechanical ventilation such as local exhaust may be required.

Personal Protection:
- Respiratory Protection: None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
- Eye Protection: Safety glasses or goggles recommended if splashing is possible.
- Skin/Body Protection: If there is a potential for skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.
- Hand Protection: Use nitrile or neoprene gloves recommended to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
REKLUSE FULL-SYN 10W-40

Color: Amber
Odor: Slight petroleum odor
Odor Threshold: No data available
pH: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: No data available
Evaporation Rate: No data available
Flammability (solid, gas): No data available
Upper Explosion Limit: No data available
Lower Explosion Limit: No data available
Vapor Pressure: <0.01 mmHg @ 100°F
Vapor Density (Air=1): >1
Relative Density: 0.85-0.90 @ 15.6°C
Solubility: Soluble in alcohols and hydrocarbons; insoluble in water
Partition Coefficient: n-octanol/water: No data available
Auto Ignition Temperature: No data available
Decomposition Temperature: No data available
Volatile Organic Compounds (VOC): 0%
Viscosity: >20.5 cSt @ 40°C

10. STABILITY AND REACTIVITY

Reactivity: Not expected to be reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product: Thermal decomposition may produce carbon oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards
Eye Contact: Causes eye irritation with redness, tearing and pain.
Skin Contact: May cause irritation. Prolonged skin contact may cause drying of the skin.
Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea.
Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
Chronic Effects of Overexposure: None known.
Sensitization: None of the components have been found to cause sensitization in animals or humans.
Mutagenicity: This product is not expected to cause mutagenic activity.
Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.
Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:
- Synthetic base oil
  - Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg,
  - Inhalation rat LC50 >5 mg/L/4hr
- Multifunctional Additive Package
  - Oral rat LD50 >10,000 mg/kg
- Zinc dialkyl dithiophosphate
  - Oral rat LD50 3100 mg/kg, Inhalation rat LC50 >2.3 mg/L/4 hr,
  - Dermal rabbit LD50 >2002 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity
- Synthetic base oil
  - 96 hr LL50 fish >100 mg/L, 48 hr EL50 daphnia magna >100 mg/L,
    72 hr EL50 green algae >100 mg/L
- Multifunctional Additive Package
  - No data available
- Zinc dialkyl dithiophosphate
  - 96 hr LL50 Oncorhynchus mykiss 4.5 mg/kg, 48 hr EL50 daphnia magna 23 mg/L, 72 hr EL50 21 mg/L

Biodegradation: Hydrotreated paraffinic petroleum distillate and synthetic base oil are not readily biodegradable
Bioaccumulation: Hydrotreated paraffinic petroleum distillate and synthetic base oil have the potential to bioaccumulate.
Mobility in soil: No data available
Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.
14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Proper shipping name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Environmental Hazard</th>
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<tr>
<td>DOT</td>
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</tbody>
</table>

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:

- Zinc Compounds (Zinc dialkyl dithiophosphate) Proprietary <3%

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Inventories

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory

16. OTHER INFORMATION

NFPA Rating (NFPA 704): Health: 2  Fire: 1  Instability: 0
HMIS Rating: Health: 2  Fire: 1  Physical Hazard: 0

Date of Revision: February 6, 2019
Date of Previous Revision: N/A
Revision History:
The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.
REKLUSE FULL-SYN 20W-50

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Rekluse Racing LLC
12000 W Franklin Rd
Boise, ID 83709
USA
+1 208 426 0659

Product Name: Rekluse Full-Syn 20W-50
Article Number: RMS-1099002 and RMS-1099003
Applications: 4T Engine Oil
Emergency Telephone: In USA: +1 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Not classified as hazardous in accordance with OSHA Hazcom 2012

GHS Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements:
Prevention: None
Response: None
Storage: None
Disposal: None
Other Hazards: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

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<tr>
<td>Multifunctional Additive Package</td>
<td>10-20</td>
<td>Mixture</td>
</tr>
<tr>
<td>Zinc dialkyl dithiophosphate</td>
<td>&lt;5</td>
<td>Proprietary</td>
</tr>
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</table>

The specific identity and/or exact percentage has been withheld as a trade secret.

4. FIRST-AID MEASURES
**REKLUSE FULL-SYN 20W-50**

Inhalation
If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

Skin Contact
Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

Eye Contact
Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.

Ingestion
If conscious, rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

*Most Important Symptoms*
Causes eye and skin irritation. May cause allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

*Indication of Immediate Medical Attention Needed*
Immediate medical attention is not required.

*Notes to Physician*
Treat appropriately

5. **FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

**Specific Hazards Arising From The Chemical**
This material will burn although it is not easily ignited. Combustion will produce carbon oxides and unidentified organic compounds.

**Special Protective Equipment And Precautions For Fire-Fighters**
Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

6. **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**
Wear appropriate protective equipment. Wash thoroughly after handling. See also: “Personal Protection "section 8.

**Environmental Hazards**
Avoid release into the environment. Report spill as required by local and federal regulations.

**Methods/Materials for Cleaning up**
Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".
7. HANDLING AND STORAGE

Precautions for Safe Handling:
Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use.

Conditions for Safe Storage:
Store in a cool area away from oxidizing agents. Protect containers from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits
- Synthetic base oil: 5 mg/m³ TWA OSHA PEL (as oil Mist)
- Multifunctional Additive Package: None Established
- Zinc dialkyl dithiophosphate: None Established

Appropriate Engineering Controls
Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive, increased mechanical ventilation such as local exhaust may be required.

Personal Protection
- Respiratory Protection: None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
- Eye Protection: Safety glasses or goggles recommended if splashing is possible.
- Skin/Body Protection: If there is a potential for skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.
- Hand Protection: Use nitrile or neoprene gloves recommended to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
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<tr>
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<tr>
<td>Appearance</td>
<td>Liquid</td>
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<tr>
<td>Color</td>
<td>Amber</td>
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<tr>
<td>Odor</td>
<td>Slight petroleum odor</td>
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<tr>
<td>Odor Threshold</td>
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</table>
REKLUSE FULL-SYN 20W-50

Version: 1.0

Released: 2019-04-03

Revision Date: 2019-04-03

pH: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: No data available
Evaporation Rate: No data available
Flammability (solid, gas): No data available
Upper Explosion Limit: No data available
Lower Explosion Limit: No data available
Vapor Pressure: <0.01 mmHg @ 100°F
Vapor Density (Air=1): >1
Relative Density: 0.85-0.90 @ 15.6°C
Solubility: Soluble in alcohols and hydrocarbons; insoluble in water
Partition Coefficient: n-octanol/water: No data available
Auto Ignition: No data available
Temperature: No data available
Decomposition Temperature: No data available
Volatile Organic Compounds (VOC): 0%
Viscosity: >20.5 cSt @ 40°C

10. STABILITY AND REACTIVITY

Reactivity: Not expected to be reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition may produce carbon oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: Causes eye irritation with redness, tearing and pain.
Skin Contact: May cause irritation. Prolonged skin contact may cause drying of the skin.
Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea.
Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Chronic Effects of Overexposure: None known.

Sensitization: None of the components have been found to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:
- Synthetic base oil: Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 >5 mg/L/4hr
- Multifunctional Additive Package: Oral rat LD50 >10,000 mg/kg
- Zinc dialkyl dithiophosphate: Oral rat LD50 3100 mg/kg, Inhalation rat LC50 >2.3 mg/L/4 hr, Dermal rabbit LD50 >2002 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity
- Synthetic base oil: 96 hr LL50 fish >100 mg/L, 48 hr EL50 daphnia magna >100 mg/L, 72 hr EL50 green algae >100 mg/L
- Multifunctional Additive Package: No data available
- Zinc dialkyl dithiophosphate: 96 hr LL50 Oncorhynchus mykiss 4.5 mg/kg, 48 hr EL50 daphnia magna 23 mg/L, 72 hr EL50 21 mg/L

Biodegradation: Hydrotreated paraffinic petroleum distillate and synthetic base oil are not readily biodegradable

Bioaccumulation: Hydrotreated paraffinic petroleum distillate and synthetic base oil have the potential to bioaccumulate.

Mobility in soil: No data available

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION
SAFETY DATA SHEET

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REKLUSE FULL-SYN 20W-50

Version: 1.0

Released: 2019-04-03

Revision Date: 2019-04-03

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Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:

- Zinc Compounds (Zinc dialkyl dithiophosphate)
  - Proprietary
  - <3%

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Inventories

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory

16. OTHER INFORMATION

NFPA Rating (NFPA 704):
- Health: 2
- Fire: 1
- Instability: 0

HMIS Rating:
- Health: 2
- Fire: 1
- Physical Hazard: 0

Date of Revision: February 6, 2019
Date of Previous Revision: N/A
Revision History:
2/9/2019: New Document
REKLUSE FULL-SYN 20W-50

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.