



SAFETY DATA SHEET

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REKLUSE FULL-SYN 20W-50

Version: 1.0

Released: 2019-04-03

Revision Date: 2019-04-03

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

36010641
36030059

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



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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.



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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



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	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

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	Proprietary	<3%
(Zinc dialkyl dithiophosphate)		

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



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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.