

# SAFETY DATA SHEET

Issue Date: 1 September 2021

Revision date: 4 April 2023

Version 2

## 1. - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name:** Bio-Rotary Racing Premix

### Other means of identification

**Product code:** 80491 80492 80493 80494 80496

**CAS NO:** Mixture

**Synonyms:** None

### Recommended use of the chemical and restrictions on use

Recommended Use: Biobased Fuel concentrated additive

### Details of the supplier of the safety data sheet

#### Supplier and Manufacture

Renewable Lubricants, Inc.

476 Griggy RD NE, P.O. Box 474

Hartville, Oh 44632

Phone: (330) 877-9982

Fax: (330) 877-2266

[www.renewablelube.com](http://www.renewablelube.com), [www.renewablelubricants.com](http://www.renewablelubricants.com)

### Emergency telephone number

**Emergency Telephone** (CHEMTREC) 1-800-424-9300. Outside the U.S. (703) 527-3887

## SECTION 2 – HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines OSHA Hazard Communication Standard (29 CFR 1910.1200) (see SDS Section 15).

### **Other hazard information:**

**HAZARD NOT OTHERWISE CLASSIFIED (HNOC):** None as defined under 29 CFR 1900.1200.

### **PHYSICAL / CHEMICAL HAZARDS**

No significant hazards.

### **HEALTH HAZARDS**

This material has no known hazards when used as directed.

### **ENVIRONMENTAL HAZARDS**

No significant hazards.

**NFPA Hazard ID:** Health: 0 Flammability: 1 Reactivity: 0

**HMS Hazard ID:** Health: 0 Flammability: 1 Reactivity: 0

**NOTE:** This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

### **Other information**

**NOTE:** This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

### SECTION 3 - COMPOSITION/INFORMATION on INGREDIENTS

**No Hazardous Substance(s) or Complex Substance(s) required for disclosure.** As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

### SECTION 4 - FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air.  
If symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water.  
Remove contaminated clothing and wash before reuse.  
Get medical attention if needed.
- Eye Contact:** Flush with water for several minutes.  
If effects occur, consult a physician.
- Ingestion:** Rinse mouth with water and drink 2-4 cups of water.  
Get immediate medical attention.

**Note to Physician:**  
Activated charcoal may be administered.

### SECTION 5 - FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.  
Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

**Fire Fighting Instructions:** Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Use water spray to cool fire exposed surfaces and to protect personnel.

**Specific hazards arising from the chemical:** In the event of fire, cool tanks and protect personnel with water spray.

**Explosion data:**

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

**Special protective equipment for firefighters:**

Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Eliminate sources of ignition - Heat, sparks, flame, and electricity**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Use personal protective equipment.

**Environmental precautions**

**Environmental precautions:** Prevent product from entering drains. Do not contaminate surface water. Check on local, national and international regulatory information to determine any reporting requirements for spills.

**Methods and material for containment and cleaning up**

**Methods for containment:** Prevent further leakage or spillage if safe to do so, confine spill immediately with booms.

**Methods for cleaning up:** Absorb spill with inert material (e.g. dry sand or earth), or skimming surface with suitable absorbent, then transfer non-combustible material in approved containers.

### SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling**

- Handling Precautions:** Avoid contact with eyes, skin, or clothing.  
Keep away from sources of ignition.  
Handle with care and avoid spillage on the floor (slippage).  
Do not cut, weld, grind, braze, or solder the container

**Storage Requirements:**      **Keep away from sources of ignition.**  
**Store in a tightly closed container**

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:**      Keep containers tightly closed and store inside in a cool well-ventilated place free of contaminants. Empty containers may retain product properties. Follow all MSDS / Label warnings after container is emptied. No special storage precautions required.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

<b>Components</b>	<b>ACGIH TLV</b>	<b>OSHA (TWA mg/m<sup>3</sup>):</b>	<b>IDLH</b>
Oil Mist	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	

**Appropriate engineering controls**

**Engineering measures to reduce exposure:**      All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**Individual protection measures, such as personal protective equipment**

**Respiratory protection:**      No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection:**      Nitrile rubber Neoprene gloves

**Eye protection:**      Safety glasses

**Skin and body protection:**      Impervious clothing

**General Hygiene Considerations:**      Avoid contact with skin, eyes and clothing

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Typical information on basic physical and chemical properties**

<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	.94 @ 15.6°C
<b>Flash Point (PMCC)</b>	Not Determined
<b>Kinematic viscosity:</b>	42 cSt at 40°C
<b>Pour Point:</b>	-40°C
<b>Physical state</b>	Liquid
<b>Appearance</b>	Dark liquid
<b>Odor</b>	Not Determined
<b>Color</b>	Dark liquid
<b>Odor threshold</b>	Not Determined
<b>Melting: point/freezing point:</b>	Not Determined
<b>Boiling point /boiling range:</b>	Not Determined
<b>Flammability (solid, gas):</b>	Not Determined
<b>Flammability Limit in Air</b>	Not Determined
<b>Evaporation rate: (n-Butyl Acetate=1)</b>	Not Determined
<b>Percent Volatile:</b>	Not Determined
<b>Boiling Point:</b>	Not Determined
<b>Vapor Density (Air = 1):</b>	Not Determined
<b>Vapor pressure:</b>	Not Determined
<b>Solubility in Water:</b>	Not Soluble
<b>Upper flammability limit:</b>	Not Determined
<b>Lower flammability limit:</b>	Not Determined
<b>Partition coefficient:</b>	Not Determined
<b>Autoignition temperature:</b>	Not Determined
<b>Decomposition temperature:</b>	Not Determined

**Other information**

*The above data are typical values and do not constitute a specification.*

**SECTION 10 - STABILITY AND REACTIVITY**

**Materials to Avoid:**      Avoid strong oxidizing agents

<b><u>Chemical stability:</u></b>	Stable under normal conditions
<b><u>Possibility of Hazardous Reactions</u></b>	
<b>Possibility of Hazardous Reactions:</b>	Not Determined
<b>Hazardous polymerization:</b>	Not Determined
<b><u>Conditions to avoid:</u></b>	High temperatures above 50 C (122 F), sparks, and open flame.
<b><u>Hazardous Decomposition Products:</u></b>	Not Determined
<b><u>Incompatible material:</u></b>	Avoid Oxidizing agents

## SECTION 11 - TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

<b>Product Information</b>	Repeated skin contact with this product may cause dermatitis or an oil acne. No component is listed as a mutagen or teratogen.
<b>Eye contact</b>	Contact with eyes may cause irritation.
<b>Skin contact</b>	May cause irritation, wash skin after exposure
<b>Inhalation</b>	Acute Toxicity: Minimally Toxic, based on assessment of the components.
<b>Ingestion</b>	Not expected to be toxic, if ingested contact a doctor immediately.
<b>Aspiration</b>	Expected to be an aspiration hazard, based on physical and chemical properties of the material.
<b>Respiratory Sensitization</b>	Not expected to be a respiratory sensitizer, based on assessment of the components and structurally similar materials.
<b>Germ Cell Mutagenicity</b>	Not expected to be a germ cell mutagen, based on assessment of the components and structurally similar materials.
<b>Carcinogenicity</b>	Not expected to cause cancer, based on assessment of the components and structurally similar materials. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive Toxicity</b>	Not expected to be a reproductive toxicant, based on assessment of the components.
<b>Lactation</b>	Not Determined.
<b>Specific Target Organ Toxicity (STOT)</b>	Single Exposure: Not expected to cause organ damage from a single exposure. Repeated Exposure: Not expected to cause organ damage from prolonged or repeated exposure. no deaths at 710 ppm (v) (Rat) 4 Hour (s).

### **OTHER INFORMATION**

**Product Information:** Product does not present an acute toxicity hazard based on known or supplied information. Not expected to cause significant health effects under conditions of normal use, based on laboratory studies with the same or similar materials. Not mutagenic or genotoxic.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid exposing to the environment, no specific aquatic data available.

**Biodegradation:** This product shows biodegradation based on OECD 301-type test data for similar products. At least 50% of the components in this product show Biodegradation based on ASTM D-5864 type test data.

**Aquatic/Ecotoxicity:** Acute Toxicity EC 50 Daphnia & Fish 100-1,000 mg/l

**Bioaccumulation:** Not Established

**Soil Mobility:** Not Established

**Persistence and degradability:** Expected to be readily biodegradable based upon components

**Water Mobility:** The product is insoluble and floats on water. **WGK: 1**

## SECTION 13 - DISPOSAL INFORMATION

### **Waste treatment methods**

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid

dispersal of spilled material and runoff and contact with soil, waterways, drains, sewers

**Contaminated packaging:** Do not reuse container.

#### SECTION 14 - TRANSPORTATION INFORMATION

**ROAD TRANSPORT (ADR/RID):** This material is not regulated for US DOT transportation in quantities less than 119 Gallons..

**DOT HAZARD CLASSIFICATION:** This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

**DOT SHIPPING NAME:**

**UN NO. Road** UN #: NA 1993, Class:

**DOT Classification** UN #: NA 1993, Class

**SEA TRANSPORT (IMDG):** Not regulated

**AIR TRANSPORT (IATA/ICAO):** If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, Polyolefin alkyl phenol alkyl amine), 3, UN1993, PGIII.

Air transport notes

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, Polyolefin alkyl phenol alkyl amine), 3, UN1993, PGIII.

#### SECTION 15 - REGULATORY INFORMATION

UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, Polyolefin alkyl phenol alkyl amine), 3, UN1993, PGIII.

##### International Inventories

**TSCA:** Listed in TSCA

**TSCA:** United States Toxic Substances Control Act Section 8(b) Inventory

##### Global Chemical Inventories:

**USA** All components of this material are on the US TSCA Inventory or are exempt.

**EU** All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.

**Japan** All components are in compliance with the Chemical Substances Control Law of Japan.

**Australia** All components are in compliance with chemical notification requirements in Australia.

**Canada** All components are in compliance with the Canadian Environmental Protection Act and are Canadian DSL/NDSL.

**Switzerland** All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

**China** All components of this product are listed on the Inventory of Existing Chemical Substances in China

**Korea** All components are in compliance in Korea.

**Philippines** All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

**TSCA:** All ingredients in this product are listed or exempt from listing on the TSCA Chemical inventory.

**CEPA:** All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.

**Proposition 65:** This product contains no chemicals know to the State of California to cause cancer, birth defects of other reproductive harm.

##### Federal Regulations

##### SARA 313

Not Available

##### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

##### CWA (Clean Water Act)

Not Available

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**CERCLA**

Not available

**State Regulations (RTK)**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any known chemical substance on the SARA Extremely Hazardous Substances list.

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**SECTION 16 - OTHER INFORMATION**

Read and follow all label directions and precautions before using the product.

**Guide to Abbreviations:**

ACGIH = American Conference of Governmental Industrial Hygienists; CARB = California Air Resource Board, CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

**Revision:**

<b>Date</b>	<b>Revised Section</b>
1 September 2021	new
4 April 2023	2,3,4,8,9

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