

## Section IV - Fire and Explosion Data

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Approximate Flash Point: 10 degrees F.

Method Used: TCC

Auto-Ignition Temperature: N/A

Flammable Limits

Lower Explosive Limit (LEL): 1.0%

Upper Explosive Limit (UEL): 8.0%

N/A= Not Applicable

N/D= Not Determined

Extinguishing Media:

☐ X\_Water Spray\*☐ X\_Carbon Dioxide☒ X\_Foam☐ X\_Dry Chemical☐ X\_Other: Halon

\*Water or a direct water stream may be ineffective.

Fire and Explosion Hazards:

This material is **Flammable** and may be ignited by Heat, Spark, Flame or other sources of ignition (e.g. Static Electricity, Pilot Lights, Mechanical/Electrical Equipment). Vapors may travel to a source of ignition where they may flashback or explode. Vapors are heavier than air and may accumulate in low areas. Vapor/Air Explosion Hazard: indoor/outdoor or in sewers. Sealed containers exposed to heat or flames can build up pressure and may explode; cool with water spray to avoid possible vapor escape and container explosion.

Fire Fighting Procedure:

Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Stop spills if it can be done without risk. Move undamaged containers from the fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flames. Avoid spreading liquid with water used for cooling purposes. Avoid release of liquids into drains and sewage ports.

Fire fighting Equipment:

Self-Contained Breathing Apparatus (SCBA) and protective clothing.

## Section V - Health Data

Toxicological Test Data:

Rat, Oral LD50: Not Established

Rat, Acute Oral, Single Dose: Not Established

Rabbit, Primary Eye Irritation: Not Established

Rabbit, Primary Skin Irritation: Not Established

Ames Test: N/D

Maximization Test, Guinea Pig: N/D

Note: This product is a mixture for which no health hazard data exist. The Hazard Communication Standard requires that such a mixture be assumed to present at least the same health hazards as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazard of individual components may be altered by including them in a mixture.

## Routes of Exposure:

Ocular(Eyes): Yes  
 Dermal(Skin): Yes  
 Ingestion(Oral): Yes  
 Inhalation(Breathing): Yes

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## Exposure Effects:

**Eyes:** May cause mild irritation. Direct contact with liquid, vapors or mist may cause stinging, tearing and redness.

**Skin Contact:** May cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, defatting, drying and cracking of the skin.

**Skin Absorption:** Slight, symptoms of toxicity are not anticipated by this route alone under normal conditions of use.

**Ingestion:** May cause mild nausea, abdominal cramps and diarrhea, nervous system depression(e.g. fatigue, loss of coordination, dizziness and drowsiness) if ingestion occurs in excessive quantities. Warning: Aspiration hazard, see below.

**\*\*ASPIRATION HAZARD: DO NOT INDUCE VOMITING!!** This product can enter the lungs during swallowing or vomiting and cause lung inflammation and damage

**Inhalation:** Breathing high concentrations of vapor or mist may cause irritation to the mucous membranes, mouth and throat. Nausea and signs of nervous system depression(e.g. fatigue, loss of coordination, dizziness and drowsiness) may occur. Prolonged or repeated contact to vapors or mist may cause damage to the peripheral nerves. Respiratory systems associated with pre-existing lung disorders(e.g. Asthma-like conditions) may be aggravated by exposure to this product. Warning: Aspiration hazard, see above.

**\*\*FIRST AID PROCEDURES:**

**Eye Contact:** Remove contact lenses. Move victim away from exposure and into fresh air. Flush immediately with water, continue flushing until irritation subsides. If irritation occurs or persists call a physician or get other professional medical assistance. If material is hot, treat for thermal burns and take the victim to hospital immediately.

**Skin Contact:** Remove contaminated shoes/clothing and cleanse with mild soap and water. If irritation occurs or persists call a physician or get other professional medical assistance. If material is hot, treat for thermal burns and take the victim to hospital immediately.

**Ingestion(swallowing):** **ASPIRATION HAZARD! DO NOT INDUCE VOMITING** or give anything by mouth because this material can enter the lungs and cause severe lung damage. May act as a laxative. If victim is vomiting, lower head below knees to avoid aspiration. If victim is unconscious or drowsy, place on left side with head down. If possible, do not leave the victim unattended. Seek immediate medical attention.

**Inhalation(breathing):** Remove victim to fresh air; if symptoms persist seek medical attention. If not breathing, give mouth to mouth respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek medical attention.

**Comments:** Hexane has not been identified as a carcinogen by NPT, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeats(arrhythmia's) if exposed to high concentrations of this material. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage(sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse deliberately concentrating and inhaling this product may be harmful or fatal.

N/D= Not Determined

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## Section VI - Reactivity Data

**Stability:** Stable under normal conditions of storage.

**Conditions to Avoid:** Avoid all possible sources of ignition.

**Incompatibility:** Strong oxidizing or reducing agents; i.e. any strong acids or bases. Selected amines.

**Hazardous Decomposition Products:** Upon combustion, Carbon Dioxide and/or Carbon Monoxide.

**Hazardous Polymerization:** None known.

## Section VII - Spill, Environmental & Disposal Data

**Environmental Toxicity:** N/D - avoid any large disposals into sewage or drains. Dispose of all wastes in accordance with Local, State and Federal regulations.

**Fish Toxicity:** N/D - Avoid contamination of any lakes, streams, waterways and other aquifers.

### Spill and Leak Procedures:

**Small spills:** CAUTION FLOOR MAY BECOME SLIPPERY. Control spill, mop or wipe up with towels.

**Large spills:** CAUTION FLOOR MAY BECOME SLIPPERY. Control spill with diking and barriers (sand, earth, absorbent, etc.). Transfer liquid and solid separately to a container for recovery or disposal. Keep spills out of sewers and open bodies of water. Dispose of all wastes in accordance with Local, State and Federal regulations.

**Container Disposal:** Triple rinse all containers and dispose of all rinse waste and solid wastes in accordance with Local, State and Federal regulations.

## Section VIII - Routine and Special Handling Information

### Protective Equipment:

**Eyes:** Use proper protection - Splash proof Safety glasses as a minimum.

**Skin:** Depending on the length and degree of exposure - Gloves impermeable to the material handled are advised to prevent skin contact and possible irritation. Impervious clothing should be worn as needed.

**Respiratory:** If airborne concentrations exceed established exposure limits(see Section II), use a supplied air respirator. Do not use a chemical cartridge respirator.

**Ventilation:** Ventilation practices should be adequate to maintain airborne concentrations below the established exposure limits(see Section II). Where explosive mixtures may be present, electrical systems safe for such locations must be used.

## Section IX - Special Precautions

**PRECAUTION IN STORAGE AND HANDLING:** Keep containers tightly closed and store upright in a clean, dry area, protect from freezing and excessive heat conditions, direct sunlight, hot metal surfaces and all sources of ignition. Post area "NO SMOKING OR OPEN FLAME".

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the Manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, no warranty of any kind is expressed or implied as to the accuracy, completeness or adequacy of the information obtained herein. It is the user's responsibility to determine the safety, toxicity, and suitability of his own use or application, handling or disposal of this product. The manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees or anyone for any direct special, or consequential damages and losses arising out of or in connection with the accuracy, completeness or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.

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# Material Safety Data Sheet

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Bay Shore, NY 11706

Business Telephone: 805-534-1118

Emergency Telephone(24 Hour): Chemtrec 800-424-9300

Date prepared: 2-2-98

**Note:** Leisure Innovations, Inc. urges each recipient of this Material Safety Data Sheet(MSDS) to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting references or individuals who are experts in ventilation, toxicology, and fire prevention as necessary and appropriate to use and understand the data contained in this MSDS. To promote safe handling, each recipient should: 1) notify their employees, agents, contractors and others whom they know or believe will use this material of the information contained in this MSDS and any other information regarding hazards and safety. 2) furnish the same information to each customer for the product described herein, and 3) request those customers to notify their employees, customers and other users of this information.

## Section I - Product Identification

Product: White Lightning Raceday Lubricant

Product Category: Lubricant

Product Code: XDL-30

Chemical Family: Hydrocarbon mixture

## Section II - Hazardous Ingredients

Chemical Name: Heptane

C.A.S. #: 64742-89-8

%W/W: 65% +/- 15%

Exposure Limits:	50ppm ACGIH	TWA
	500ppm MSHA	TWA
	50ppm OSHA	TWA
	50ppm CALOSHA	TWA

## Section III - Physical Data

Approximate Boiling Point: <150 degrees F.

Melting Point: N/D

Vapor Density(air =1): >3.0

Vapor Pressure: <140 mm Hg at 20 degrees C.

Specific Gravity: 0.71 - 0.80

pH: N/A

Evaporation Rate(n-butyl acetate=1): >8.1

% Solubility in Water: <5%

Appearance: Milk white waxy solid

Odor: Solvent characteristic

N/A= Not Applicable

N/D= Not Determined