

## LUCAS MATERIAL SAFETY DATA SHEET

Lucas 75/90 Synthetic Gear Oil      Product Code: 10047, 10048, 10072, 10073 & 10074

### DIVISION AND LOCATION --- SECTION I

Division: Lucas Oil Products, Inc. • 302 North Sheridan Street • Corona, CA 92880-2067  
Emergency Telephone Number: (800) 342-2512

### CHEMICAL AND PHYSICAL PROPERTIES --- SECTION II

Chemical Name: Synthetic Petroleum hydrocarbon plus additives.

Formula: Proprietary information.

Components: Hydrocracked, Hydroisomerized/C-15/C-55 paraffinic oils.

Hazardous Components: Oil mist if generated.

Appearance: Liquid      Color: Light yellow/straw      Odor: Petroleum and strong additive

Vapor Density (air = 1 ATM): Greater than air

Boiling Point: > 500 degrees F

Viscosity cSt @ 100 degrees C: Greater than or equal to 14.5

Density: 7.443 pounds/gallon

Specific Gravity @ 60 degrees F: .8939

Solubility in Water: Negligible @ 25 degrees C

Stability: Stable under normal conditions of storage and handling

Incompatibility: Avoid contact with strong oxidizing agents including peroxides chlorine & strong acids

### FIRE AND EXPLOSION DATA --- SECTION III

Fire Fighting Procedures: Use dry chemical, carbon dioxide, halon, foam or water spray

Flash Point: COC = 385 degrees F

Hazardous Decomposition Products: Combustion may yield smoke, carbon monoxide, oxides of carbon, nitrogen, phosphorus and sulfur

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

### HEALTH HAZARD DATA --- SECTION IV

Chronic Effects of Over-Exposure: Harmful if inhaled - avoid breathing oil mist

Acute Toxicological Properties: No data available

Emergency First Aid Procedures: Eyes - Eye irritant, may cause stinging, watering, redness, swelling: flush with large amounts of water

Frequent or Prolonged Skin Contact - May cause irritation. Remove soiled clothing and wash skin with mild soap & water

Inhalation - Remove exposed person to fresh air. If respiratory symptoms develop seek medical attention

**Ingestion - Do not induce vomiting. If conscious, give milk or water and seek medical attention**

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**SPECIAL PROTECTION INFORMATION --- SECTION V**

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**Ventilation Required: Use in well ventilated area**  
**Respiratory Protection: None if not exposed to mist and area well ventilated**  
**Gloves/Glasses: Use impermeable gloves and safety goggles for repeated exposure or hot handling**

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**HANDLING OF SPILLS OR LEAKS --- SECTION VI**

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**Spill Control Measure: Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so safely. Contain and/or clean up with sand or earth on land - skimming absorbent on water.**  
**Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations. Wear personal protective equipment - gloves, goggles, etc.**

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**SPECIAL PRECAUTIONS --- SECTION VII**

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**Handling and Storage: Keep containers tightly closed. Store in cool, well ventilated place, away from heat and/or incompatible materials.**

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**TRANSPORTATION DATA --- SECTION VIII**

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**D.O.T.: Not regulated.**  
**Freight Classification: Petroleum lubricating oil.**

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**ENVIRONMENTAL/SAFETY REGULATIONS**

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**This product does not contain any chemical substances listed under SARA section 313.**

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**Prepared By: Dell Findley Title: Lab Technician Original Date: 09-01-02 Updated: 01-01-04**

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**This product comes in five gallon pails, 16 gallon kegs and 55 gallon drums.**