

**LUCAS MATERIAL SAFETY DATA SHEET**

Lucas Universal Hydraulic Fluid

Product Code: 10017, 10037, 10038

**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:** Petroleum hydrocarbon plus additives.

**Formula:** Proprietary information

**Hazardous Decomposition Products:**

Oil mist - if generated, solvent dewaxed distillate, and heavy paraffin.

**Toxic and Hazardous Ingredients:** None

**Odor:** Petroleum

**Appearance:** Liquid

**Color:** Red

**Specific Gravity @ 60°F:** .8888

**Specific Gravity of Vapor:** @ 1 ATM (Air=1) Greater than air.

**Boiling Point:** > 500°F.

**Melting Point:** Not applicable.

**Solubility in Water (by weight %):** Negligible @ 25°C.

**Stability:** Product is stable under normal conditions of storage and handling.

**Incompatibility:** Avoid contact with acids and strong oxidizing agents.

**Viscosity:** cSt @ 100°C - Greater than or equal to 9.0.

**FIRE AND EXPLOSION DATA --- SECTION III**

**Special Fire Fighting Procedures:** Use dry chemical, foam or water spray.

**Hazardous combustion products:** Fumes, smoke and carbon monoxide. Toxic gases will form upon combustion.

**Flashpoint:** (Method used) Cleveland open cup - 350 degrees F

**Extinguishing agent:** Dry chemical or Waterfog or CO 2 or Foam or Sand/Earth. Water may cause frothing.

Closed containers exposed to fire may be cooled with water

**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:** Slightly irritating - flush with large amounts of water.

**Skin:** Prolonged or repeated contact may cause skin irritation/dermatitis. Immediately remove soiled clothing and wash skin with soap and water.

**Inhalation:** Remove exposed person to fresh air if adverse effects are observed.

**If Swallowed:** Do not induce vomiting - if conscious give two glasses of water and get medical attention.

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

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**Ventilation type required (local, mechanical, special):** NONE

**Respiratory protection (specify type):** NONE

**Protective gloves:** None

**Eye protection:** Chemical safety goggles and, if handled hot, full face shield

**Other protective equipment:** None

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

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**Spill Control Measures:** 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 absorbents 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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**Precautions to be taken in handling and storage:** Keep container closed until ready for use.

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**TRANSPORTATION DATA --- SECTION VIII**

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**D.O.T.:** Not regulated

**Reportable Quantity:** Not applicable

**Freight Classification:** Petroleum Lubricating Oil

**Special Transportation Notes:** None

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**ENVIRONMENTAL/SAFETY REGULATIONS --- SECTION IX**

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**Section 313 (Title III Superfund Amendment and Reauthorization Act):**

This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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**Prepared By:** Dell Findley    **Title:** Lab Technician    **Original Date:** 05-01-95    **Updated:** 10-01-02

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