

LUCAS MATERIAL SAFETY DATA SHEET

Lucas Hub Oil

Product Code: 10088, 10889

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DIVISION AND LOCATION --- SECTION I

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Division: Lucas Oil Products, Inc. • 302 North Sheridan Street • Corona, CA 92880-2067

Emergency Telephone Number: (800) 342-2512

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CHEMICAL AND PHYSICAL PROPERTIES --- SECTION II

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Chemical Name: Petroleum hydrocarbon plus additives.

Formula: N/A

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide from burning. Oxides of phosphorous from burning. Oxides of sulfur.

Incompatibility (keep away from): Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Toxic and Hazardous Ingredients: None

Form: Liquid **Odor:** Petroleum **Appearance:** Liquid **Color:** Red

Specific Gravity (water = 1): .89

Boiling Point: Greater than 371°C (700°F)

Melting Point: -18°C (0°F).

Solubility in Water (by weight %): -0- @ 20°C.

Volatile (by weight %): -0-

Evaporation Rate: -0-

Vapor Pressure (mm Hg @ 20°C): -0-

Vapor Density (air = 1): N/A

pH (as is): N/A

Stability: Product is stable under normal conditions

Viscosity cSt @ 100°C: greater than 60.0.

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FIRE AND EXPLOSION DATA --- SECTION III

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Special Fire Fighting Procedures: Do not use water except as fog.

Unusual Fire and Explosion Hazards: NONE

Flashpoint: (Method used) Cleveland open cup - greater than 204°C (399°F).

Flammable Limits %: N/A

Extinguishing agent: Dry chemical, Waterfog, CO2, or Foam. Closed containers exposed to fire may be cooled with water.

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HEALTH HAZARD DATA --- SECTION IV

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Permissible Concentrations (air): If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m3 for mineral oil mist . (OSHA and ACGIH)

Chronic Effects of Over-Exposure: Prolonged or repeated skin contact may cause dermatitis (skin irritation)

Acute Toxicological Properties: No data available

Emergency First Aid Procedures:

Eyes: Flush with large amounts of water for at least 15 minutes. If irritation persists, call a physician.

Skin: Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Contact a physician immediately.

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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: Neoprene type

Eye protection: Chemical safety goggles

Other protective equipment: None

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HANDLING OF SPILLS OF LEAKS --- SECTION VI

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Procedures for Clean-Up: Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid waste in accordance with local, state, and federal regulations.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

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SPECIAL PRECAUTIONS --- SECTION VII

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Precautions to be taken in handling and storage: Do not handle or store at temperatures over.....

Maximum Storage Temperature: 66°C (150°F) .

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TRANSPORTATION DATA --- SECTION VIII

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D.O.T.: Not regulated

Reportable Quantity: N/A

Freight Classification: Petroleum lubricating oil

Special Transportation Notes: None

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Prepared By: Dell Findley **Title:** Lab Technician **Original Date:** 07-01-94 **Updated:** 01-01-04

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