

**LUCAS MATERIAL SAFETY DATA SHEET**

Lucas Upper Cylinder Lubricant

Product Code: 10003, 10013, 10020, 10023, 10080, 10090

=====

**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:** N/A

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

**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:** Light amber

**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 degrees C:** Greater than or = to 10

=====

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

=====

**Special Fire Fighting Procedures (air):** 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, CO 2 or Foam. Closed containers exposed to fire may be cooled with water.

=====

**HEALTH HAZARD DATA --- SECTION IV**

=====

**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.

Lucas Upper Cylinder Lubricant

**Emergency First Aid Procedures:**

**Eyes:** Flush with large amounts of water for a 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.

**Ingestion:** Contact a physician immediately.

=====

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

=====

**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

=====

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

=====

**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.

=====

**SPECIAL PRECAUTIONS --- SECTION VII**

=====

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

**Maximum Storage Temperature:** 100° C (212° F).

=====

**TRANSPORTATION DATA --- SECTION VIII**

=====

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

**Reportable Quantity:** N/A

**Freight Classification:** Petroleum lubricating oil.

**Special Transportation Notes:** None

=====

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

=====

We believe the statements, technical information, and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

=====

This product is available in 12x1 cases of quart bottles, 4x1 cases of gallon bottles, five gallon pails and 55 gallon drums.