LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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# MATERIAL SAFETY DATA SHEET

**LS-9014**

## LUBRI-SYN #9

### SYNTHETIC HYDROCARBON GREASE, NLGI #2

**LUBRI-LOY CATALOG #:** LS-9014, LS-9640, LS-9192 **DATE ISSUED:** 10/28/09 **REPLACES ISSUE:** 1/3/06

## I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

| | |
|---|---|
| **Product Name** | Lubri-Syn #9, Synthetic Hydrocarbon Grease, NLGI #2 |
| **Lubri-Loy Catalog #'s** | LS-9014, LS-9640, LS-9192 |
| **Date Issued** | 10/28/09 |
| **Replaces Issue** | 1/3/06 |
| **24-Hr. Emergency Phone** | CHEMTREC (800) 424-9300 |

## II COMPONENTS AND HAZARD INFORMATION

| OSHA PEL | ACGIH TLV | OTHER EXPOSURE LIMITS | % (OPTIONAL) | CAS NO. |
|---|---|---|---|---|

No hazardous components were knowingly incorporated into this lubricant. This product is not considered hazardous according to the OSHA Hazard Communication Standard 29CFR1910.1200.

## III PHYSICAL AND CHEMICAL CHARACTERISTICS

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| **Boiling Point** | N/A |
| **Specific Gravity** | 0.827 |
| **Vapor Pressure** | 1mm@20°C |
| **Vapor Density** | N/A |
| **Solubility in Water** | Negligible |
| **Reactivity in Water** | Negligible |
| **Appearance and Odor** | Black grease, slight petroleum odor |
| **Melting Point** | Above 450°F |

## IV FIRE FIGHTING MEASURES

| | |
|---|---|
| **Flash Point** | 434° F |
| **Method Used** | C.O.C. |
| **Lower Explosive Limit** | N/A |
| **Upper Explosive Limit** | N/A |
| **Flammable Limits in Air % by Volume** | N/A |
| **Autoignition Temperature** | Above 450°F |

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|---|---|
| **Extinguishing Media** | $CO_2$ DRY CHEMICAL FOAM WATER SPRAY WATER FOG |
| **Unusual Fire and Explosion Hazards** | Toxic flourine gases are by-products of combustion |
| **Special Firefighting Procedures** | Wear self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Decomposition at temperatures above 290°C may cause the evolution of toxic gaseous flourine compounds |

## V PHYSICAL HAZARDS (REACTIVITY DATA)

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| **Stability** | Stable |
| **Conditions to Avoid** | Strong Oxidizers, temperatures above 500°F |
| **Incompatibility** | Oxidizing material can cause a reaction |
| **Hazardous Decomposition Products** | Flourine products, silicon dioxide, $CO_2$ traces of incompletely burned carbon |
| **Hazardous Polymerization** | Will not occur, non known |

## VI HEALTH HAZARDS

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|---|---|
| **Acute** | None |
| **Chronic** | None |
| **Signs and Symptoms of Exposure** | Prolonged and repeated contact with skin may cause skin irritation |
| **Medical Condition Generally Aggravated by Exposure** | None known |
| **Chemical Listed as Carcinogen or Potential Carcinogen** | No |
| **Emergency and First Aid Procedures** | Skin contact: Wipe off and wash with soap and water |
| **ROUTES OF ENTRY:** | |
| **Inhalation** | Remove to fresh air, if necessary seek medical attention |
| **Eyes** | Flush with water, get medical attention |
| **Skin** | Wipe off and wash with soap and water |
| **Ingestion** | Give milk or water; do not induce vomiting; may cause diarrhea, consult a physician |

## VII SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES

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| **Handling and Storage** | Use reasonable care. Do not store above 250°F or near flammables<br>Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature. Avoid spills, causes slippery surfaces |
| **In Case of Spill or Leak** | Scrape up with proper tools, wipe up with absorbent cloth or paper towel, apply non-skid absorbant material to floor. Collect waste materials for salvage or disposal. |
| **Waste Disposal Methods** | Dispose of in accordance with current Federal, State, and Local regulations |

## VIII SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

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| **Respiratory Protection** | Not required unless product is being used as a mist |
| **Ventilation - Local Exhaust** | Not required |
| **Mechanical** | Recommended |
| **Protective Gloves** | Plastic disposable |
| **Eye Protection** | Safety glasses recommended |

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| **Other Protective Clothing or Equipment** | Plastic apron, fabric laboratory coat recommended |
| **Work/Hygienic Practices** | Do not contaminate smoking materials; wash hands and/or contaminated area after exposure |

## IX OTHER INFORMATION

| RATING | HEALTH | FLAMMABILITY | REACTIVITY | PERSONAL PROTECTION |
|---|---|---|---|---|
| **HMIS Ratings** | 1 | 0 | 0 | B |

The information contained on this MSDS is been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. The environmental information and hazardous materials identification system have been included by LUBRI-LOY in order to provide additional health and hazard classification information. The ratings recommend are based upon the criteria supplied by the developers of these rating systems, together with LUBRI-LOY's interpretation of the available data. Proper personal protective equipment varies widely with conditions of use and anticipated exposure. We recommend that a supervisor or other qualified person determine proper PPE for intended use.