LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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# MATERIAL SAFETY DATA SHEET

9004

## LUBRI-LOY LUBRI-SEAL H1

**NSF-CERTIFIED**

**LUBRI-LOY CATALOG #:** 9004 **DATE ISSUED:** 9/11/2009 **REPLACES ISSUE:** 1/26/2007

## I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

| | |
|---|---|
| **Product Name** | Lubri-Loy **Lubri-Seal H1,** NSF-Certified |
| **Lubri-Loy Catalog#** | 9004 |
| **Date Issued** | 9/11/2009 |
| **Replaces Issue** | 1/26/2007 |
| **24-Hr. Emergency Phone** | CHEMTREC (800) 424-9300 |

## II COMPONENTS AND HAZARD INFORMATION

Stability - Stable
Conditions to avoid - Avoid heating above 350°F
Incompatability, Materials to avoid - Molten alkali metals, interhalogen compounds, strong or nonaqueous alkali and Lewis acids above 100ºC
Hazardous Decomposition products - Toxic Gases
Hazardous Polymerization will not occur.
Conditions to avoid - Avoid heating above 350°F

## III HEALTH AND HAZARD INFORMATION

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):**

| HEALTH | FLAMMABILITY | REACTIVITY |
|---|---|---|
| 1 | 0 | 0 |

Mild irritant to the skin upon prolonged exposure for some individuals.
Decomposition products formed at high temperatures above 350ºF may cause toxic gases.
No known medical condition that might be aggravated by exposure.

## IV PRIMARY ROUTES OF ENTRY/EMERGENCY AND FIRST AID PROCEDURES

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| **Inhalation** | Slightly toxic by inhalation (4 hr. LC 50 1,000-5000 ppm; 8-40 mg/l).If discomfort occurs, move tofresh air; contact physician. |
| **Ingestion** | Very low toxicity by ingestion (oral LD50>5,000 mg/kg). Give large amounts of water, contact physician. |
| **Skin Contact** | Wipe off and wash with soap and water. If irritation develops, contact physician.Very low toxicity by contact (LD50> 10,000 mg/kg) |
| **Eye Contact** | Flush with water; if irritated, contact physician. |

## V FIRE AND EXPLOSION HAZARD INFORMATION

Nonflammable - Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Decomposition at temperatures above 350ºF may cause the evolution of toxic gasoeus compounds. Toxic gases are by-products of combustion.

## VI ACCIDENTAL RELEASE MEASURES

Use reasonable care. Do not store above 120ºF or near flammables or explosive material.
Toxic vapors may evolve above 350ºF; provide adequate ventilation if used above this temperature. Avoid spills; causes slippery surfaces. Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor. Collect waste materials for salvage or disposal.
Dispose of in accordance with current Federal, State, and Local Regulations.

## VII PROTECTION AND PRECAUTIONS

Respiratory Protection not required unless product is being used as a mist.
Ventilation - Recommended

**PERSONAL PROTECTIVE EQUIPMENT**

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|---|---|
| **Skin and Body** | Plastic apron, fabric laboratory coat recommended.Do not contaminate smoking materials; wash hands and / or contaminated area after exposure. |
| **Hands** | Plastic disposable gloves. |
| **Eyes** | Safety glasses recommended |

## VIII PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| **Appearance and Odor** | Clear Gel, Odorless |
| **Specific Gravity** | 0.87 |
| **Vapor Pressure** | $10^{-2}$ at 20°C |
| **Reactivity in water** | Non-reactive |
| **Melying Point** | Above 350°F |
| **Solubility.** | Insoluble. |

## IX STABILITY AND REACTIVITY

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|---|---|
| **Stability** | The product is stable. |
| **Materials to avoid** | Strong oxidizing and reducing agents. May burn or react violently with fluorine/oxygen mixtures with 50 to 100% fluorine. |
| **Conditions to avoid** | Temperatures above 50C/122F-60C/140F, sparks, and open flames. |

## X OTHER INFORMATION

The Information And Recommendations Herein Are, To The Best Of Our Knowledge And Belief. Accurate And Reliable As Of The Date Issued. Apr Does Not Warrant Or Guarantee Their Accuracy Or Reliability. And Shall Not Be Liable For Any Loss Or Damage Arising Out Of The Use Thereof. The Information And Recommendations Are Offered For The User's Consideration And Examination. And It Is The User's Responsibility To Satisfy Itself That They Are Suitable And Complete For Its Particular Use. If Buyer Repackages This Product, Legal Counsel Should Be Consulted To Insure Proper Health, Safety And Other Necessary Information Is Included On The Container.