

# **BOSS LUBRICANTS: MATERIAL SAFETY DATA SHEET**

## 1. PRODUCT INFORMATION

**Material:** Boss Golden Lithium Grease  
**Emergency Number:** 1-800-844-9457  
**Formula:** Proprietary  
**Chemical Name:** PETROLEUM BASED GREASE  
**Date of Issue:** 01/01/2012

## 2. IMPORTANT COMPONENTS

None Toxic

## 3. PHYSICAL DATA

**Appearance-Odor-Ph:** Amber buttery grease/ mild odor  
**Melting Point:** >177°C  
**Solubility in water:** Negligible  
**Vapor Density (Air=1):** Heavier than air  
**Evaporation Rate:** Slower than Ether  
**(Butyl Acetate=1)**  
**Boiling Point:** Above 316°C  
**Percent Volatile (by wt.):** Negligible  
**Viscosity:** NLGI #2 consistency  
**Vapor Pressure (mm Hg):** <0.01  
**Specific Gravity (water=1):** 0.942

## FIRE AND EXPLOSION HAZARD DATA

**Flash Point :** >177°C  
**Auto Ignition Temperature:** N/A  
**Upper Explosion Limit (%):** N/A  
**Lower explosion Limit (%):** N/A  
**Extinguishing Media:**

X CO2  
"Alcohol" Foam  
X Foam  
X Dry Chemical  
Water Fog

### Special Fire Fighting Procedures:

Wear MSHA/NIOSH-approved, pressure-demand, self-contained breathing apparatus. Use water spray to cool fire-exposed containers.

### Unusual Fire and Explosion Hazards:

Dense smoke

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## **4. HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE:

### **Effects of Exposure:**

Prolonged or repeated skin contact may cause irritation

### **Emergency and First Aid Procedures:**

Inhalation: Move subject to fresh air

Eye and Skin Contact: Flush eyes with large amounts of water for at least 15 minutes. Consult a physician if irritation persists. Wash affected skin areas with soap and water.

Ingestion: DO NOT give anything by mouth or induce vomiting unless directed by a physician. If unconscious, prevent aspiration of vomitus by placing face down in prone position with head turned to one side. Obtain immediate medical advice and/or attention.

## **5. CONDITIONS TO AVOID**

**Stability:** Stable **X** / Unstable

**Conditions to avoid:** Contact with heat & flame

### **Hazardous Decomposition Products:**

Oxides of carbon, lithium, phosphorus, sulfur, nitrogen, hydrogen, sulfide, zinc oxide, hydrochloric acid

**Hazardous Polymerization:** May occur / Will not occur **X**

**Incompatibility (Materials to Avoid):** Water Other **X**

Strong oxidizers – bromine, chromic acid

## **6. SPILL OR LEAK PROCEDURE**

### **Steps to be taken in case material is released or spilled**

Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before reuse. Dike and contain spill with inert material (sand, earth, fuller's, etc.) and transfer liquid and solid diking material to separate containers for recovery or disposal. Floor may be slippery – use care to avoid fall. Keep spill out of all sewers and open bodies of water.

### **Waste Disposal Methods**

Incinerate liquid in approved equipment. Landfill contaminated diking material according to current local, provincial, and federal regulations.

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## **7. SPECIAL PRTECTION INFORMATION**

### **Ventilation Type**

Normal room ventilation

### **Respiratory Protection**

None required under normal conditions of use

### **Protective Gloves**

Chemical resistant

### **Eye Protection**

None normally required; splash goggles if contact is possible

### **Other Protective Equipment**

None required

## **8. STORAGE AND LABELING**

### **Storage Temperature**

Keep in cool, dry area away from heat & flame

## **9. TOXICITY INFORMATION**

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IRAC, NTA, OSHA, or ACGIH as a carcinogen.

## **10. MISCELLANEOUS INFORMATION**

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

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

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