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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: WL9 WHITE LITHIUM GREASE 1.5 OZ. TB  
Item No: 80345  
Product Type: Lubricant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	80-90	5 mg/m <sup>3</sup> mist	5 mg/m <sup>3</sup> mist
TITANIUM DIOXIDE 13463-67-7	<5	10 mg/m <sup>3</sup> TWA ACGIH	15 mg/m <sup>3</sup> TWA (total dust)
LITHIUM SOAP 7620-77-1	<5	Not Listed	Not Listed
ZINC OXIDE 1314-13-2	<5	2 mg/m <sup>3</sup> (inhal) TWA; 10 mg/m <sup>3</sup> (respir) STEL	5 mg/m <sup>3</sup> (fume & respir) TWA; 15 mg/m <sup>3</sup> (total dust) TWA

### 3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation.  
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation  
Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. Overexposure may cause nasal irritation.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
TITANIUM DIOXIDE 13463-67-7	<5	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

Medical Conditions Recognized as Being Aggravated by Exposure: None known.

### 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.  
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If irritation persists or signs of toxicity occur, seek medical attention.  
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.  
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

Flash Point (°F/C): 320°F Method: Cleveland Open Cup  
Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.  
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.  
Hazardous Products of Combustion: Oxides of carbon, Oxides of zinc.  
Unusual Fire/Explosion Hazards: None.

Lower Explosive Limit: Not determined.  
Upper Explosive Limit: Not determined.

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

## **7. HANDLING AND STORAGE**

**Storage:** No special precautions.  
**Handling:** Avoid prolonged skin contact. Keep away from eyes.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses  
**Skin:** Neoprene, rubber or butyl rubber gloves.  
**Ventilation:** General ventilation is usually adequate.  
**Respiratory Protection:** Not required under normal use. An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White paste  
**Odor:** Mild petroleum odor  
**Boiling Point:** 700 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** Insoluble  
**Specific Gravity:** 0.95  
**VOC Content(Wt.%):** None  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** >1  
**Evaporation Rate:** <1 (butyl acetate = 1)

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR.  
**Incompatibilities:** Strong oxidizers  
**Conditions to Avoid:** High temperatures  
**Hazardous Products of Combustion:** Oxides of carbon, Oxides of zinc.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** None  
**UN/ID Number:** None  
**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Unrestricted  
**Class or Division:** None  
**UN/NA Number:** None

### **IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None

**Product Name:** WL9 WHITE LITHIUM GREASE 1.5 OZ.  
TB

**Item No:** 80345

**UN Number:** None

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

ZINC COMPOUND

### **CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

### **TSCA Inventory Status:**

**Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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