



# Material Safety Data Sheet

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Manufacturing & Supply, Inc.  
PO Box 2659  
White City, OR 97503 USA

Emergency Phone No. 541-826-5211  
FAX No. 541-826-8669

## **SECTION 1: Identification of the substance/mixture and of the company**

### **1.1 Product Identifier**

Product Form: Mixture

Product Name: Corbin Swage Lube      Synonyms: CSL-2 (two ounce), CSL-16 (16-ounce)

### **1.2 Intended Use of Product**

Use of Substance/Mixture: lubricant

### **1.3 Name, address and telephone number of responsible party**

Corbin Manufacturing & Supply, Inc., PO Box 2659, White City, OR 97503 USA

Business telephone: 541-826-5211 Fax 24/7: 541-826-8669

### **1.4 Emergency Telephone Number**

541-826-5211

## **SECTION 2: Hazards Identification**

### **2.1 Classification of the Substance or Mixture**

Classification (GHS-US) Eye irrit. 2BH320

### **2.2 Label Elements**

Signal Word (GHS-US): Warning

Hazard Statements (GHS-US): H320 - Causes eye irritation

Precautionary Statements (GHS-US): P264 - Wash exposed areas thoroughly after handling

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention

### **2.3 Other Hazards**

No additional information available

### **2.4 Unknown Acute Toxicity (GHS-US)**

No data available

## **SECTION 3: Composition/Information on Ingredients**

### **3.1 Substances**

<i>Name</i>	<i>Product Identifier</i>	<i>%</i>	<i>Classification (GHS-US)</i>
Castor oil	(CASNo) 8001-79-4	50	Eye irrit. 2B, H320
Lanolin, anhydrous	(CASNo) 8006-54-0	50	Not hazardous

## **SECTION 4: First Aid Measures**

### **4.1 Description of First-Aid Measures**

First-aid Measures, general: Never give anything by mouth to an unconscious person.

If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/Injuries: Eye irritation.

Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/Injuries After Skin Contact: None under normal conditions.

Symptoms/Injuries After Eye Contact: Causes eye irritation.

Symptoms/Injuries After Ingestion: If a large quantity has been ingested:

May cause nausea, vomiting, and diarrhea.

#### **4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed**

If medical advice is needed, have product container or label at hand.

### **SECTION 5: Fire Fighting Measures**

#### **5.1. Extinguishing Media**

**Suitable Extinguishing Media:** Alcohol foam, dry chemical, carbon dioxide, water spray, fog.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

Use of heavy stream of water may spread fire.

#### **5.2. Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Stable at ambient temperature and under normal conditions of use.

#### **5.3. Advice for Firefighters**

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

### **SECTION 6. Accidental Release Measures**

#### **6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Caution : this product can cause the floor to be very slippery.

##### **6.1.1. For Non-emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### **6.1.2. For Emergency Responders**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### **6.2. Environmental Precautions**

Prevent entry to sewers and public waters.

#### **6.3. Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely.

#### **6.4. Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

### **SECTION 7. Handling and Storage**

#### **7.1. Precautions for Safe Handling**

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

#### **7.2. Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Products:** Strong oxidizers.

**Storage Temperature:** In bulk, store at about 5-10°C above melting point or at ambient temperature.

**Storage Area:** Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure.

**Special Rules on Packaging:** Stainless steel preferred for storage.

#### **7.3. Specific End Use(s) Lubricants**

### **SECTION 8. Exposure Controls/Personal Protection**

#### **8.1. Control Parameters**

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

## 8.2. Exposure Controls

**Personal Protective Equipment** : Gloves. Safety glasses.

**Hand Protection** : Wear chemically resistant protective gloves. The breakthrough time of the selected gloves must be greater than the intended use period.

**Eye Protection** : Chemical goggles or safety glasses.

**Respiratory Protection** : In case of inadequate ventilation wear respiratory protection.

**Other Information** : When using, do not eat, drink or smoke.

## SECTION 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State** : Thin

**Appearance** : Pale-yellow, syrupy oil.

**Odor** : Characteristic.

**Odor Threshold** : No data available

**pH** : No data available

**Relative Evaporation Rate (butylacetate=1)** : No data available

**Melting Point** : Not applicable

**Freezing Point** : No data available

**Boiling Point** : > 300 °C (572°F)

**Flash Point** : > 200 °C (392°F)

**Auto-ignition Temperature** : No data available

**Decomposition Temperature** : No data available

**Flammability (solid, gas)** : No data available

**Vapor Pressure** : No data available

**Relative Vapor Density at 20 °C** : No data available

**Relative Density** : No data available

**Specific Gravity** : 0.961 g/cm<sup>3</sup> @25°C

**Solubility** : Insoluble.

**Log Pow** : No data available

**Log Kow** : No data available

**Viscosity, Kinematic** : No data available

**Viscosity, Dynamic** : 72 cP @25°C

**Explosive Properties** : No data available

**Oxidizing Properties** : No data available

**Explosive Limits** : Not applicable

### 9.2. Other Information No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity**: Stable at ambient temperature and under normal conditions of use.

**10.2 Chemical Stability**: Product is stable.

**10.3 Possibility of Hazardous Reactions**: Hazardous polymerization will not occur.

**10.4 Conditions to Avoid**: Direct sunlight. Extremely high or low temperatures.

**10.5 Incompatible Materials**: Strong oxidizers.

**10.6 Hazardous Decomposition Products**: Under fire conditions this material may produce hazardous carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity** : Not classified

**Skin Corrosion/Irritation**: Not classified

**Serious Eye Damage/Irritation**: Causes eye irritation.

**Respiratory or Skin Sensitization**: Not classified

**Germ Cell Mutagenicity**: Not classified

**Carcinogenicity**: Not classified

**Reproductive Toxicity**: Not classified

**Specific Target Organ Toxicity (Single Exposure)**: Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified  
**Aspiration Hazard:** Not classified  
**Symptoms/Injuries After Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  
**Symptoms/Injuries After Skin Contact:** None under normal conditions.  
**Symptoms/Injuries After Eye Contact:** Causes eye irritation.  
**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea.

## **SECTION 12: ECOLOGICAL INFORMATION**

- 12.1. Toxicity** No additional information available  
**12.2. Persistence and Degradability**  
**Persistence and Degradability** Not established.  
**12.3. Bioaccumulative Potential**  
**Bioaccumulative Potential** Not established.  
**12.4. Mobility in Soil** No additional information available  
**12.5. Other Adverse Effects**  
**Other Information :** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

- 13.1. Waste treatment methods**  
**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

## **SECTION 14: TRANSPORT INFORMATION**

In Accordance With ICAO/IATA/DOT/TDG

- 14.1. UN Number** Not applicable  
**14.2. UN Proper Shipping Name** Not regulated for transport.  
**14.3. Additional Information**  
**Other information :** No supplementary information available.  
**Transport by Sea** Not regulated for transport.  
**Air Transport** Not regulated for transport.

## **SECTION 15: REGULATORY INFORMATION**

- 15.1 US Federal Regulations**  
**Castor oil (8001-79-4)** Listed on the United States TSCA (Toxic Substances Control Act) inventory  
**Lanolin, anhydrous (8006-54-0)** Listed on the United States TSCA (Toxic Substances Control Act) inventory  
**15.2 US State Regulations**  
The product and/or its components does not appear on any state Right to Know lists.

## **SECTION 16: OTHER INFORMATION**

**Other Information :** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **GHS Full Text Phrases:**

Eye Irrit. 2B Serious eye damage/eye irritation Category 2B  
H320 Causes eye irritation

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