

# Material Safety Data Sheet

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## Section I. Identification

Trade Name: Corbin Dip Lube  
Shipping name: 49 CFR 172.101. Combustible liquid, n.o.s.  
Hazard Class: 49 CFR 172.101: Combustible liquid.  
Hazard ID Number: NA1993  
Chemical Family: Wax dispersion in hydrocarbon solvent.

## Section II: Hazardous Ingredients

Hydrocarbon naphtha 80-90% TLV: 500ppm (OSHA) 100ppm (ACGIH)  
Wax blend (non-hazardous as compounded when used as directed): 10-20%

## Section III: Physical Data

Boiling Point: aprox. 310  
Vapor Density: > 1 (ether= 1) Vapor Pressure (mm Hg): < 12  
Evaporation Rate: < 1 (ether= 1) Solubility in Water: Nil  
% Volatile by Volume: 89-90% pH: Not applicable  
Specific Gravity: 0.78  
Appearance/odor: Opqaue pale orange liquid; naphtha odor

## Section IV: Fire and Explosion Hazard Data

D.O.T. Category: Not Regulated  
Flash Point: 540°F.  
Extinguishing Media: Foam, carbon dioxide, dry chemical  
Unusual Fire and Explosion Hazards: None  
Danger: Combustible -- keep away from heat, sparks and flames.  
Flash Point (deg F) (method used): 108 (TCC)  
Flammable Limits in Air, % by Volume: Naphtha lower (lel): 1.0 upper (uel): 6.0  
Extinguishing Media: Use foam, carbon dioxide or dry chemical.  
Special Fire Fighting Procedures: Wear self-contained breathing apparatus when fire fighting in a confined space.  
Unusual Fire and Explosion Hazards: None known.  
Container Handling: Do not cut, puncture or weld empty drums because they may contain explosive or harmful vapors.

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### **Section V: Health Hazard Data**

Threshold limit value: not established for the product: see Section II

Listed Carcinogen: This product does not contain any listed carcinogens.

Routes of Exposure and Acute Effects: The following hazards are due primarily to solvent:

Skin Contact: Prolonged or repeated contact may defat skin which may cause irritation or dermatitis. Avoid skin contact.

Eye Contact: Liquid product splashed in the eye will probably irritate the eye.

Inhalation: Vapor concentrations above the TLV may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and even asphyxiation (at extreme levels).

Ingestion: If product is accidentally swallowed, vomiting should NOT be induced because of the danger of aspiration of the solvent into the lungs, which can be fatal due to chemical pneumonitis.

Chronic Effects: There is minimal evidence for serious effects of chronic exposure (to the solvent) for humans, according to the American Conference of Governmental Industrial Hygienists. (Documentation for "Stoddard Solvent").

Emergency and First Aid Procedures:

Skin Contact: Wash with soap and water. Launder contacted clothing before use.

Eye Contact: Flush with water for at least 15 minutes. Contact physician.

Inhalation: If adverse effects such as dizziness, nausea or irritation are noted, move to fresh air. Contact physician.

Ingestion: If product is swallowed, DO NOT induce vomiting. Contact physician immediately.

### **Section VI: Reactivity Data**

Stability: Stable

Incompatibility: Store away from strong oxidizers.

Hazardous Decomposition Products: Hydrocarbon decomposition products at elevated temperatures.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

### **Section VII: Spill or leak procedures**

Spill clean-up procedure: Eliminate all sources of ignition. Vapors are heavier than air and may spread long distances or collect in low spots. Dike area to prevent run-off, recover liquid, soak up remaining liquid with adsorbent material.

Waste disposal method: Dispose of in accordance with state, local and federal regulations.

RCRA Hazardous Waste Designation: This product falls under current EPA RCRA definitions of hazardous waste with designation D001 because of its ignitability.

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### **Section VIII: Special Protection Information**

Respiratory Protection: Good industrial hygiene practices recommend that engineering controls (such as local and/or mechanical ventilation) be used to reduce environmental concentrations to the permissible exposure level.

Respirators may be used when engineering and work practice controls are not technically feasible. If the use of a respirator is necessary use only a MSHA/NIOSH approved air supply respirator or an air-purifying respirator.

Protective Gloves: Impervious gloves (neoprene, polyvinyl alcohol, NBR nitrile)

Eye Protection: Safety glasses with side shields or chemical goggles.

Other Protective Equipment: Appropriate clothing to avoid skin contact.

### **Section IX: Special Precautions**

Precautions to be taken in Handling and Storage: Ground all equipment pumping the product. Protect from static electrical sparks or other ignition sources. Store away from strong oxidizers. Do not store at temperatures above 100 degrees F. to avoid vapor pressure in closed containers. Keep containers closed with not in use.

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Shipping Information: UN# Naphtha Mixture 3, UN1256, Packing Group III