

# SAFETY DATA SHEET



**Product Trade Name:** United Coating Oil CO-100 (MIL-PRF-3150)  
**Revision Date:** 3-8-2023

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of Substances or Preparation

**Product Trade Name:** UNITED Coating Oil CO-100 (MIL-PRF-3150)  
**Synonyms:** None  
**Chemical Family:** Blend  
**Manufacturer/Supplier:** United Oil Company  
1800 N Franklin St  
Pittsburgh, PA 15233

**Emergency Phone Number** 412.231.1269 8-4 EST

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## 2. HAZARDS IDENTIFICATION



**Classification of the chemical in accordance with paragraph (d) of 1910.1200.**

**GHS Classification:** Not classified as hazardous in accordance with paragraph (d) of 1910.1200

**Hazardous Statements:** Not Hazardous under OSHA regulations

**Unclassified Hazards (HNOC):** WARNING!

Do not use this oil in food- processing or food-handling equipment or on surfaces that may contact food. Do not allow the oil to contaminate foodstuffs.

**Hazards not otherwise classified:** No Data available.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Component / CAS #	Symbol	Risk Phrases	EC #	%
Petroleum Distillate 64742-54-7	None	None		40-50
Calcium Sulfonate Complex Thickener (Proprietary)	None	None		< 10
benzenamine 68411-46-1	None	None	270-128-1	< 1.
Petroleum Distillate 64742-62-7	None	None		45-55

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**More restrictive exposure limits may be enforced by some states, agencies, or other authorities.**

**4. FIRST AID MEASURES**

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Skin</b>	Wash with soap and water. Get medical attention if irritation persists.
<b>Eyes</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>Ingestion</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water and seek medical attention. Never give anything by mouth to an unconscious person.
<b>Notes to Physician</b>	Not Applicable

**5. FIRE FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Water fog, carbon dioxide, foam, dry chemical.
<b>Unsuitable Extinguishing Media</b>	None known.
<b>Special Exposure Hazards</b>	Decomposition in fire may produce toxic gases.
<b>Special Protective Equipment for Firefighters</b>	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautionary Measures</b>	Use appropriate protective equipment.
<b>Environmental Precautionary Measures</b>	Prevent from entering sewers, waterways, or low areas.
<b>Procedure for Cleaning / Absorption</b>	Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

**7. HANDLING AND STORAGE**

<b>Handling Precautions</b>	Avoid breathing vapors or mists of this product. Avoid contact with eyes, skin, or clothing. Avoid the generation of oil mists. Do not take internally. Only use with adequate ventilation.
<b>Storage Information</b>	Store in a cool well ventilated area. Keep container tightly closed and in a place away from incompatible materials.. Empty containers retain product residue ( liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity, or other sources of ignition, they may explode. Use good housekeeping and close container when not in use.

**Manufacturer recommends storing above 40° F. Thaw and mix thoroughly if frozen. Do not store above**

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering Controls</b>	Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation.
<b>Respiratory Protection</b>	Organic vapor respirator with a dust/mist filter.
<b>Hand Protection</b>	Impervious rubber gloves.
<b>Skin Protection</b>	Normal work coveralls.
<b>Eye Protection</b>	Chemical goggles; also wear a face shield if splashing hazard exists.
<b>Other Precautions</b>	Eyewash fountains and safety showers must be easily accessible.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE/ODOR Clear amber Liquid/oil Slight odor  
BOILING POINT : >600 F  
VAPOR PRESSURE: ND  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.867  
MELTING POINT : -5 F  
EVAPORATION RATE ( Butyl Acetate = 1) ND

VAPOR DENSITY (AIR=1): ND  
SOLUBILITY IN H<sub>2</sub>O: negligible  
VOC: ND  
FLASH POINT; > 302 F COC

**10. STABILITY AND REACTIVITY**

<b>Stability Data:</b>	Stable
<b>Hazardous Polymerization:</b>	Will Not Occur
<b>Conditions to Avoid</b>	None anticipated
<b>Incompatibility (Materials to Avoid)</b>	ND
<b>Hazardous Decomposition Products</b>	Ammonia, nitrogen, oxides and carbon monoxide when burned
<b>Additional Guidelines</b>	Not Applicable

**11. TOXICOLOGICAL INFORMATION**

<b>Principle Route of Exposure</b>	Eye or skin contact, inhalation.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Skin Contact</b>	May cause skin irritation, but is considered a non sensitizer
<b>Eye Contact</b>	May cause eye irritation.
<b>Ingestion</b>	Aspiration into the lungs may cause chemical pneumonitis including coughing, difficulty breathing
<b>Aggravated Medical Conditions</b>	Skin disorders.
<b>Chronic Effects/Carcinogenicity</b>	None expected
<b>Other Information</b>	None known.
<b>Toxicity Tests</b>	
<b>Oral Toxicity:</b>	Not determined
<b>Dermal Toxicity:</b>	Not determined
<b>Inhalation Toxicity:</b>	Not determined
<b>Primary Irritation Effect:</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Genotoxicity:</b>	Not determined
<b>Reproductive / Developmental Toxicity:</b>	Not determined

Ingredients within this product are not found on the following lists: Federal OSHA Z List, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer causing agents by these agencies.

**12. ECOLOGICAL INFORMATION**

<b>Mobility (Water/Soil/Air)</b>	Not determined
<b>Persistence/Degradability</b>	This product is believed to be stable
<b>Bio-accumulation</b>	Not Determined

**Ecotoxicological Information**

<b>Acute Fish Toxicity:</b>	Not determined
<b>Acute Crustaceans Toxicity:</b>	Not determined
<b>Acute Algae Toxicity:</b>	Not determined
<b>Chemical Fate Information</b>	Not determined
<b>Other Information</b>	Not applicable

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal Method</b>	Disposal should be made in accordance with federal, state, and local regulations.
<b>Contaminated Packaging</b>	Follow all applicable national or local regulations.

**14. TRANSPORT INFORMATION**

<b>Land Transportation</b>	<b>ADR</b> Not restricted
<b>Air Transportation</b>	<b>ICAO/IATA</b> Not restricted
<b>Sea Transportation</b>	<b>IMDG</b> Not restricted
<b>Other Shipping Information</b>	None



**Key/Legend:**

**EPA** = Environmental Protection Agency; **TSCA** = Toxic Substance Control Act; **ACGIH** = American Conference of Governmental Industrial Hygienists; **IARC** = International Agency for Research on Cancer; **NIOSH** = National Institute for Occupational Safety and Health; **NTP** = National Toxicology Program; **OSHA** = Occupational Safety and Health Administration; **NFPA** = National Fire Protection Association; **HMIS** = Hazardous Material Identification System; **CERCLA** = Comprehensive Environmental Response, Compensation and Liability Act; **SARA** = Superfund Amendments and Reauthorization Act; **CEPA** = Canadian Environmental Protection Act of 1999.

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