



**CD-2 COMPANY**  
**2250 W. Pinehurst Blvd., STE 150**  
**Addison, IL 60101**

## **SAFETY DATA SHEET**

### **1. Product and Company Identification**

#### **1.1 Product Identifier**

Product Name: CD-2 Oil Detergent  
Product Code (SKU): 4111R (50003)

#### **1.2 Relevant Identified Uses Of The Substance**

Product Use: Engine Oil Additive – Seal Swell Stop Leak

#### **1.3 Details of the Supplier of the SDS**

Company Name: CD-2 Company  
Street Address: 2250 W. Pinehurst Blvd., Suite 150  
City, State, Zip Code: Addison, IL 60101

#### **1.4 Emergency Telephone Numbers**

Phone Number: 1(630)455-3700  
Fax Number: 1(630)455-3868  
Transportation: 1(800)424-9300 (CHEMTREC)  
Medical Assistance: Call your local Poison Control Center

### **2. Hazard Identification:**

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

Hazard Classification: Skin irritation 3  
Aspiration toxicity 2

#### **2.2 Label Elements**

Pictogram:



Signal Word: Warning

Hazard Statement: May be fatal if swallowed and enters airways.

Precautionary Statement: Wear protective gloves, clothing, eye glasses and face shield. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. If exposed, get medical attention. If on skin or hair, remove immediately all contaminated clothing and laundry before re-use. Wash skin with soap and water. If skin irritation occurs, get medical attention. If swallowed, immediately call a poison control center or doctor. Do NOT induce vomiting. Store in a well ventilated place. Dispose of contents and container in accordance with all local, state, national and international regulations.

## 2.3 Other Hazards

Description of additional HNOC: None

## 3. Information on Ingredients:

3.1 Substance not applicable

### 3.2 Mixture

<u>Component</u>	<u>CAS Number</u>	<u>Concentration (wt%)</u>
Petroleum Distillates (Hydrotreated Spent Lube Oil)	64742-58-1	60-90%
Residual Oils, Petroleum, Solvent Dewaxed	64742-62-7	20-30%

## 4. First Aid Measures:

### 4.1 Description of First Aid Measures

**Inhalation:** Remove to fresh air and promote deep breathing. Get medical attention if effects persist or you feel un-well.

**Skin:** In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothing and footwear. Launder clothing before re-use. Call a physician if irritation develops or persists.

**Eyes:** In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses if worn. If irritation persists, get medical attention

**Ingestion:** If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a poison control center or physician.

### 4.2 Most important symptoms and effects – acute and chronic

**Inhalation:** May cause respiratory tract irritation. Vapors may cause drowsiness or dizziness.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, defatting, and dermatitis.

**Eyes:** May cause temporary eye irritation. Symptoms may include discomfort or pain, excess blinking and tearing, with redness and swelling.

**Ingestion:** May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea, and vomiting.

### 4.3 Indication of any immediate medical attention and special treatment

Symptoms may not appear immediately. Seek medical attention if effects develop or persist and you feel un-well.

## 5. Fire Fighting Measures:

### 5.1 Extinguishing media

Carbon dioxide, dry chemical, and alcohol foam

### 5.2 Special hazards arising from the substance or mixture

CO<sub>2</sub>, CO, and hydrocarbons

### 5.3 Advice for Fire Fighters

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). Cool closed containers exposed to fire with water. See Section 8 for personal protection.

## 6. Accidental Release Measures:

### 6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate all source of ignition.

### 6.2 Methods and materials for containment and clean up

**For containment:** Contain and absorb spill with inert material. Place in suitable container for disposal. Do not flush to sewer or allow to enter waterways. See section 8 for PPE.

**For clean up:** Take up material and place in a suitable container. Vapors may be heavier than air and may travel along the ground to a distant source of ignition. Provide adequate ventilation.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Keep away from source of ignition. Do not smoke. Take precaution to eliminate static discharge. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Do not eat or drink while handling. Wash hands with soap and water after handling. Use only non-sparking tools.

### 7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Store in a well ventilated place. Do not store above 49°C (120°F).

### 7.3 Specific end uses

**Shelf Life:** Shelf life is considered to be 7 – 10 years when properly stored.

## 8. Exposure Control/Personal Protection:

### 8.1 Control parameters

<u>Exposure Limits</u>	<u>8 hr TWA:</u>	<u>(OSHA PEL)</u>	<u>(ACGIH TWA)</u>
Petroleum Distillates (Hydrotreated Spent Lube Oil)		5 mg/M <sup>3</sup> oil mist	5 mg/M <sup>3</sup> oil mist
Residual Oils, Petroleum, Solvent Dewaxed		5 mg/M <sup>3</sup> oil mist	5 mg/M <sup>3</sup> oil mist

### 8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

**Hand Protection Equipment:** Wear chemical resistant gloves to prevent skin contact.

**Eye Protection Equipment:** Wear safety glasses or splash goggles to prevent eye contact.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiration/Ventilation Protection Requirements:** Provide good ventilation.

**Ingestion Protection Requirements:** Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

## 9. Physical And Chemical Properties:

### 9.1 Information of basic chemical and physical properties

<b>Physical Form:</b>	viscous liquid
<b>Color:</b>	clear dark reddish brown
<b>Odor:</b>	typical oily
<b>Odor Threshold:</b>	not available
<b>pH:</b>	not applicable – oil based product
<b>Melting Point/Freeze Point:</b>	-6°C (21°F)
<b>Initial Boiling Point:</b>	>260°C (>500°F)
<b>Flash Point (Seta Closed Cup):</b>	>93°C (>200°F)
<b>Flammability Limits:</b>	<b>Explosive Limits:</b> <b>Upper:</b> not available <b>Lower:</b> not available
<b>Evaporation Rate:</b>	not available
<b>Flammability Solid/Gas:</b>	not applicable
<b>Vapor Pressure:</b>	not available
<b>Vapor Density:</b>	not available
<b>Specific Gravity:</b>	0.872
<b>Solubility in Water:</b>	insoluble
<b>Auto Ignition Temperature:</b>	not available
<b>Partition coefficient (n/octonol/water):</b>	not available
<b>Viscosity (Kinematic @ 100°C):</b>	5.0 – 6.0 cSt

### 9.2 Other information

<b>% NVM by Weight:</b>	100%
<b>% VOC Content (California):</b>	0.0%

## 10. Stability and Reactivity:

### 10.1 Reactivity

Does not react under normal conditions

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

Does not react under normal conditions

### 10.4 Conditions to avoid

Heat and incompatible materials

### 10.5 Incompatible materials

Strong oxidizers such as bleach and peroxides

### 10.6 Hazardous decomposition products

CO<sub>2</sub>, CO and hydrocarbons

## 11. Toxicological Information:

## 11.1 Information on Toxicological effects

### Petroleum Distillates Hydrotreated Spent Lube Oil (64742-58-1)

LD50 – Oral Rat	>5000 mg/Kg
LD50 – Dermal Rabbit	>5000 mg/Kg
LC50 – Inhalation Rat	>5 mg/L (4 hr)

### Residual Oils, Petroleum, Solvent, Dewaxed (64742-62-7)

LD50 – Oral Rat	>5000 mg/Kg
LD50 – Dermal Rabbit	>5000 mg/Kg
LC50 – Inhalation Rat	>5 mg/L (4 hr)

Skin corrosion/irritation	May cause skin irritation
Serious eye damage/irritation	Based on available data, classification data are not met
Respiratory or skin sensitization	Based on available data, classification data are not met
Germ cell mutagenicity	Based on available data, classification data are not met
Carcinogenicity	Based on available data, classification data are not met
Reproductive toxicity	Based on available data, classification data are not met
Specific target organs – single exposure	Based on available data, classification data are not met
Specific target organs – repeated exposure	Based on available data, classification data are not met
Aspiration hazard	May be fatal if swallowed and enters air ways.
Symptoms/injuries after inhalation	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	May cause skin irritation. Symptoms may include redness, drying, defatting, and dermatitis.
Symptoms/injuries after eye contact	May cause temporary eye irritation. Symptoms may include discomfort or pain, excess blinking and tearing, with redness and swelling.
Symptoms/injuries after ingestion	May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea, and vomiting.

## 12. Ecological Information:

### 12.1 Toxicity

Not recommended for release into aquatic systems without treatment

### 12.2 Persistence and degradability

Not established

### 12.3 Bioaccumulative potential

Not established

### 12.4 Mobility in soil

Not established

### 12.5 Other adverse effects

None known

## 13. Disposal Considerations:

### 13.1 Waste treatment methods

**RCRA Hazardous Waste:** Not regulated as a hazardous waste.  
**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations  
**Waste Disposal Vessel:** Metal drums are recommended.

## 14. Transportation Information:

### 14.1 UN number

Not Regulated

### 14.2 UN Proper shipping name

None

### 14.3 Transport Hazard class

None

### 14.4 Packaging group

None

### 14.5 Marine Pollutant

No

### 14.6 Transportation in Bulk

Not applicable

### 14.7 Special precautions

None

## 15. Regulatory Information:

### 15.1 US Federal Regulations

**TSCA Status:** All ingredients are commercially available and listed by the manufacturer under TSCA.

### 15.2 Foreign Regulations

**Canadian Status:** All materials contained in this product are listed on the Canadian Domestic Substance List (DSL). Consult Turtle Wax, Inc. regarding status of ingredients.

**European Union:** All materials contained in this product are listed on EINECS.

**AICS:** All materials are registered for AICS (Australia)

### 15.3 State Regulations

**State Regulatory Information:**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

**California Prop 65:**

<u>CAS Number</u>	<u>Concentration</u>	<u>State Code</u>
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None

**15.4 HMIS & NFPA Classifications**

HMIS Classification:	Health	1
	Flammability	1
	Reactivity	0

NFPA Classification:	Health	1
	Flammability	1
	Reactivity	0

**16. Other Information:**

<b>Reason For Issue</b>	Address Update
<b>Prepared By</b>	James Heidel
<b>Preparer's Title</b>	Technical Director, R&D
<b>SDS Administrator</b>	Jean Mayszak - Technical Compliance Manager, R&D
<b>Approval Date</b>	January 26, 2017
<b>Supersedes Date</b>	March 10, 2015
<b>Revision Number</b>	#8

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