

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	CD-2 MAXX Oil Detergent
PRODUCT CODE	4111
CHEMICAL FAMILY	Petroleum Hydrocarbons
CHEMICAL NAME	Complex Mixture of Hydrocarbons
FORMULA	Mixture

MANUFACTURER

CD-2 Company
625 Willowbrook Centre Parkway
Willowbrook, IL 60527
Phone: 630-455-3866
Fax: 630-455-3868

EMERGENCY TELEPHONE NUMBERS

Transportation:
CHEMTREC: 800-424-9300
Medical:
ROCKY MTN POISON CTR: 800-332-3073

2. POSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
Hydrotreated spent lube oil (petroleum)	64742-58-1	70 – 80
Residual oils, petroleum, solvent dewaxed	64742-62-7	20 – 30

EXPOSURE LIMITS 8 hrs. TWA(ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Hydrotreated spent lube oil (petroleum)	5 mg/m ³ oil mist	5 mg/m ³ oil mist
Residual oils, petroleum, solvent dewaxed	5 mg/m ³ oil mist	5 mg/m ³ oil mist

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: High concentration of vapor or mist may be irritating to the respiratory tract.

INGESTION: Low order of acute oral toxicity. May cause irritation of the gastrointestinal tract, nausea and vomiting. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

SKIN CONTACT: Contact with liquid or mist is not expected to cause irritation. No significant skin absorption hazard.

EYE CONTACT: Contact with liquid or mist is not expected to cause irritation.

4. FIRST AID MEASURES

EYE: Flush with large amounts of water, lifting upper and lower eyelids occasionally. Get medical attention.

SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder before re-use.

INHALATION: Remove person to fresh air. If breathing difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Call a physician.

INGESTION: Do not induce vomiting. Keep person quiet and warm. Get medical attention. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

5. FIRE FIGHTING MEASURES

FLASH POINT: 360 ° F (182 ° C) TCC

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full facepiece operated with positive pressure-demand when fighting large fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Ventilate area. Remove sources of ignition. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Absorb small amounts on inert material for disposal.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE (MIN./MAX.): 21 ° F (-6 ° C)/ 113 ° F (45 C)

SHELF LIFE: 3 years minimum when the original container is kept tightly closed and properly stored.

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Avoid storing or heating above recommended temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS: Splash goggles.

SKIN PROTECTION REQUIREMENTS: Wear chemically resistant gloves.

RESPIRATOR/VENTILATION REQUIREMENTS: Provide sufficient ventilation to avoid exposure levels above the established TLV's.

EXPOSURE LIMITS: Not established for product as whole.

Oil Mist	OSHA	5 mg/m3
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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid

COLOR:	Clear dark red-brown
ODOR:	Typical oil odor
BOILING POINT:	Greater than 500° F (260° C)
MELT / FREEZE POINT	21 ° F (- 6° C)
PH:	Not applicable
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.872 @ 60 ° F (15.6 ° C)
% VOLATILE BY WEIGHT:	Negligible
VAPOR PRESSURE:	Not determined
VAPOR DENSITY:	Not determined

10. REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidizing agents.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

ACUTE INHALATION: Aspiration into lungs can cause pneumonitis which can be fatal.

CHRONIC INHALATION: Not determined.

ACUTE SKIN CONTACT: Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.

CHRONIC SKIN CONTACT: Not determined.

ACUTE EYE CONTACT: Can cause severe irritation, redness, tearing or blurred vision.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

WASTE DISPOSAL METHOD: Dispose of product in accordance with all local, state and federal laws and regulations.

14. TRANSPORT INFORMATION

DOT INFORMATION:

PROPER SHIPPING NAME: Non Bulk Not regulated

	Bulk	Not regulated.
TECHNICAL SHIPPING NAME:		Oil additive
HAZARD CLASS:	Non Bulk	Not regulated
	Bulk	Not regulated
UN NUMBER:		Not applicable
PRODUCT RQ (lbs):		None
LABEL:	Non Bulk	None
	Bulk	None
PLACARD:	Non Bulk	None
	Bulk	None
FREIGHT CLASS BULK:		Not regulated
FREIGHT CLASS PACKAGE:		None
PRODUCT LABEL		None

15. **REGULATORY INFORMATION**

TSCA STATUS: All ingredients listed.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES None

SECTION 311/312 HAZARD CATEGORIES

Acute Health	No
Chronic Health	No
Fire	No
Reactive	No
Sudden Release of Pressure	No

SECTION 313

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
None		

RCRA STATUS: This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

CANADIAN STATUS: All materials contained in this product are listed on the Canadian Domestic Substances List and are in compliance with the Canadian Environmental Protection Act.

EUROPEAN UNION: All materials contained in this product are listed on EINECS.

STATE REGULATORY INFORMATION

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

<u>COMPONENT/ CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
none		

CA = Material known to the state of California to cause cancer and/or birth defects. (California Proposition 65).

16. OTHER INFORMATION

HMIS CLASSIFICATION	Health	1
	Flammability	1
	Reactivity	0
	PPI	B
NFPA RATING	Health	1
	Fire	1
	Reactivity	0
	Special	None
REASON FOR ISSUE	Revise address and phone information	
PREPARED BY	Richard P. Kelly	
TITLE	Technical Manager	
APPROVAL DATE	July 18, 2006	
SUPERCEDES DATE	November 11, 2004	
REVISION NUMBER	#05	

This information is to the best of CD-2's Company's knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.