

# MATERIAL SAFETY DATA SHEET

Trade Name: Heartland Semi Synthetic oil Changer  
MSDS NO. 61065  
Revision Date:  
Date Printed 05/09/2006

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Heartland Semi Synthetic oil Changer  
Chemical Family: MIXTURE  
Synonyms: None  
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300

Supplier: Heartland MFG. Co., PO Box 1520, Wheaton, IL 60189

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Lubricating oil Mixture	100	5 mg/ cubic meter (oil mist)			

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Avoid contact with eyes. Avoid breathing oil mist. May be Harmful if swallowed May irritate the skin.

## 4. FIRST AID MEASURES

**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.  
**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**Skin Contact:** In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.

## 5. FIRE FIGHTING MEASURES

### Flammable Properties

**Flash Point °F(°C):** 446F (230C)  
**Flash Point Method:** COC  
**Flammable Limits in Air - Lower (%):** Not Determined  
**Flammable Limits in Air - Upper (%):** Not Determined  
**Autoignition Temperature °F(°C):** Not Determined  
**Extinguishing Media:** Carbon dioxide. Dry chemical. Foam. Use water spray to keep containers cool that are exposed to heat or flames.

### Protection Of Fire-Fighters:

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing.  
**Hazardous Combustion Products:** Carbon Dioxide. Carbon Monoxide. Aldehydes.  
**Aerosol Comments:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.  
**Spill Procedures:** Wear protective equipment specified. Contain any liquid from leaking containers. Keep away from heat sparks and flames. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Neutralize with suitable neutralizing agent after diluting with water.  
**Environmental Precautions:** Keep away from drains.

## 7. HANDLING AND STORAGE

**Handling and Storage:** Keep container closed when not in use. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use in a well ventilated area.  
**Eyes:** Wear safety glasses or goggles to protect against exposure.  
**Skin Protection:** Not Determined  
**Respiratory Protection:** Use in a well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dark yellow liquid  
**Odor:** MILD  
**pH Value:** Not Determined  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** Not Determined  
**Boiling Point (°F):** Not determined.

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Melting/Freezing Point: Not determined.  
Solubility in Water: INSOLUBLE  
Bulk Density at 20°C: Not Determined  
Molecular Weight: Not Determined  
Specific Gravity (H2O=1): 0.85  
Viscosity: 60 Centistokes (40 C)  
Evaporation Rate: Not Determined  
VOC Content(%): Not determined.  
Decomposition Temperature: Not Known

## 10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.  
Conditions to Avoid: Not determined.  
Materials to Avoid: Contact with oxidizing agents.  
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Aldehydes  
Hazardous Polymerization: WILL NOT OCCUR

## 11. TOXICOLOGICAL INFORMATION

### Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Lubricating oil Mixture	100	Inhalation	Rats	Not known.

### Carcinogenicity:

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Lubricating oil Mixture	100	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION 13. DISPOSAL CONSIDERATION

Waste Classification: Not an EPA hazardous Waste.

Waste Management: Not determined.

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### U.S. DOT:

Proper Shipping Name: Not Regulated  
Hazard Class: Not Applicable  
UN/NA Number: Not Applicable  
DOT Packing Group: Not Applicable

### IMDG:

Proper Shipping Name: Not Regulated  
Hazard Class: Not Applicable  
Hazard Subclass: Not Applicable  
UN No.: Not Applicable  
Packing Group: Not Applicable  
Marine Pollutant: No

## 15. REGULATORY INFORMATION

US Federal Regulations:

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Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Lubricating oil Mixture	100	None	Not applicable		

This product is non-hazardous per OSHA 29 CFR 1910.1200

**SARA 311/312 Hazard Categories:** None

**State Regulations:**

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Lubricating oil Mixture	100	<1 ppm Benzene; <1 ppm cadmium; <1 ppm lead; <1 ppm arsenic; 32 ppm toluene	Not Listed	Not Listed	Not Listed

**U.S. TSCA:** The components of this product are listed on the TSCA Inventory.

Product is formulated with mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC.

### 16. OTHER INFORMATION

**General Notes:** Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

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