

# MATERIAL SAFETY DATA SHEET

Trade Name: Heartland High Mileage Oil Changer  
MSDS NO. 61060  
Revision Date: 12/27/2002

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Heartland High Mileage Oil Changer  
Chemical Family: PETROLEUM HYDROCARBON OIL  
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
Heavy Hydrotreated Naphthenic Distillates (petroleum) 64742-52-5	90-97	Not known	Mist 5 mg/m3	TLV Mist 5 mg/m3 8 HR.	Not Known
Proprietary Oil Soluble Polymer Blend Proprietary	3-10	None Known	None Known	None Known	None Known

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Primary Route of entry is Skin. Tests on similar materials suggest that no eye or skin short-term exposure effects are expected. Personnel with pre-existing skin disorders should avoid contact with this product. Tests on similar materials indicate no significant adverse effects expected by ingestion. This material is practically non-toxic.

## 4. FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists.  
**Ingestion:** Product is practically non-toxic. If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.  
**Inhalation:** Not likely to occur except a mist. 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:** Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

## 5. FIRE FIGHTING MEASURES

### Flammable Properties

**Flash Point °F(°C):** >360 F  
**Flash Point Method:** COC  
**Flammable Limits in Air - Lower (%):** Not Determined  
**Flammable Limits in Air - Upper (%):** Not Determined  
**Autoignition Temperature °F(°C):** >650 A  
**Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical. Water fog and foam may cause frothing and spattering.

### Protection Of Fire-Fighters:

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. This product is slightly combustible. If heated above its flash point will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Mists or sprays may be flammable below oil's normal flash point. Keep away from extreme heat or open flame.  
**Hazardous Combustion Products:** Carbon Dioxide. Fumes and Smoke.  
**Aerosol Comments:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.  
**Spill Procedures:** Avoid all sources of ignition; heat, sparks and open flames. Contain any liquid from leaking containers. Ventilate spill area. Soak up material with absorbent and place in chemical waste container. Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.  
**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

## 7. HANDLING AND STORAGE

**Handling and** Keep away from heat and open flame. Wash thoroughly with soap and water after handling. Wash hands before eating, drinking,

Trade Name: Heartland High Mileage Oil Changer MSDS NO. 61060

Storage: chewing gum, using tobacco or using the toilet. Avoid extreme temperatures. Keep container closed when not in use. Remove clothing immediately if the product gets inside. Then, wash thoroughly and put on clean clothing.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Use local exhaust. Showers. Eyewash stations.  
**Eyes:** Wear safety glasses or goggles to protect against exposure.  
**Skin Protection:** Use chemical resistant gloves for prolonged skin contact. PVC coated apron or clothing. Nitrile coated apron or clothing. Neoprene coated apron or clothing.  
**Respiratory Protection:** Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Colorless to light yellow liquid  
**Odor:** SLIGHT PETROLEUM  
**Vapor Pressure:** <.001 mm Hg @ 20C  
**Boiling Point (°F):** >500 F  
**Solubility in Water:** NEGLIGIBLE  
**Molecular Weight:** Mixture  
**Viscosity:** 600 cst @ 100 C  
**VOC Content(%):** Negligible  
**pH Value:** Neutral  
**Vapor Density (Air=1):** >5  
**Melting/Freezing Point:** Not determined.  
**Bulk Density at 20°C:** Not Determined  
**Evaporation Rate:** 1000 X slower than ethyl ether  
**Specific Gravity (H2O=1):** .90  
**Decomposition Temperature:** Not Known

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** STABLE.  
**Conditions to Avoid:** Avoid any source of ignition.  
**Materials to Avoid:** Strong oxidizers.  
**Hazardous Decomposition Products:** Carbon dioxide. and other asphxiants.  
**Hazardous Polymerization:** WILL NOT OCCUR

**11. TOXICOLOGICAL INFORMATION**

**Toxicological Data:**

Ingredient/CAS No.	wt. %	Route	Species	Dose
Heavy Hydrotreated Naphthenic Distillates (petroleum) 64742-52-5	90-97	NA	NA	Not known.
Proprietary Oil Soluble Polymer Blend Proprietary	3-10	NA	NA	Not known.

**Carcinogenicity:**

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Heavy Hydrotreated Naphthenic Distillates (petroleum) 64742-52-5	90-97	Not Listed	Not Listed	Not Listed
Proprietary Oil Soluble Polymer Blend Proprietary	3-10	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**

Ecological testing has not been conducted on this product.

**13. DISPOSAL CONSIDERATION**

**Waste Classification:** This product is not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined.

**Waste Management:** Not determined.

Disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state, and local regulations.

<b>14. TRANSPORTATION INFORMATION</b>
---------------------------------------

**U.S. DOT:**

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

**IMDG:**

<b>Proper Shipping Name:</b>	Not Applicable
<b>Hazard Class:</b>	Non-hazardous
<b>Hazard Subclass:</b>	Not Applicable
<b>UN No.:</b>	Not Applicable
<b>Packing Group:</b>	Not Applicable
<b>Marine Pollutant:</b>	No

<b>15. REGULATORY INFORMATION</b>
-----------------------------------

**US Federal Regulations:**

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Heavy Hydrotreated Naphthenic Distillates (petroleum) 64742-52-5	90-97	Not Listed	Not Listed	NA	NA
Proprietary Oil Soluble Polymer Blend Proprietary	3-10	Not Listed	Not Listed	NA	NA

**SARA 311/312 Hazard Categories:** Immediate (Acute) Health Effects - NO, Delayed (Chronic) Health Effects - NO.

**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
Heavy Hydrotreated Naphthenic Distillates (petroleum) 64742-52-5	90-97	Not Listed	Not Listed	Not Listed	Not Listed
Proprietary Oil Soluble Polymer Blend Proprietary	3-10	Not Listed	Not Listed	Not Listed	Not Listed

**U.S. TSCA:**

The components of this product are listed on the TSCA Inventory.

<b>16. OTHER INFORMATION</b>
------------------------------

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

**Disclaimer:**

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN HAVE BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE. TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF THEY ARE ACCURATE AND RELIABLE AS OF THE DATE ISSUED. THE COMPANY DOES NOT WARRANT OR GUARANTEE THEIR ACCURACY OR RELIABILITY, AND SHALL NOT BE LIABLE FOR ANY DAMAGE ARISING OUT OF THE USE THEREOF. IT IS THE USER'S RESPONSIBILITY TO SATISFY THAT THE INFORMATION IS SUITABLE AND COMPLETE FOR IT'S PARTICULAR USE.