

**MATERIAL SAFETY DATA SHEET**  
**HEARTLAND Total Transmission Treatment****MSDS NO. 61083**

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DATE PREPARED: 7/29/02

EMERGENCY TELEPHONE NUMBER: 800-424-9300

TELEPHONE NUMBER FOR INFORMATION: 800-378-7891

NFPA CODE: HEALTH: 0

FIRE: 1

REACTIVITY: 0

CHEMICAL IDENTITY: CAS #64742650 PETROLEUM LUBRICATING OIL RANGE 75-80%

ADDITIVES: PROPRIETARY

5-7%

**01 - HEALTH HAZARD IDENTIFICATION**

ROUTE(S) OF ENTRY EYE &amp; SKIN CONTACT, INHALATION, INGESTION

EFFECTS OF ACUTE EXPOSURE:

EYE: NOT EXPECTED TO CAUSE EYE IRRITATION BASED ON DATA FROM COMPONENTS

SKIN: NOT EXPECTED TO CAUSE SKIN IRRITATION BASED ON DATA FROM COMPONENTS

INGESTION: NONE KNOWN

INHALATION: NONE KNOWN

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:  
NONE KNOWN**\*\*\*\*\*EMERGENCY FIRST AID PROCEDURES\*\*\*\*\***

EYE CONTACT - IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, HOLDING LID APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT - WASH CONTAMINATED AREAS WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION REMOVE TO FRESH AIR

INGESTION IF PATIENT IS FULLY CONSCIOUS GIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION

**02 - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (TCC): 330-360°F

FLAMMABLE LIMITS: L.E.L.:N.E.

U.E.L.: N.E.

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE OR WATER

SPECIAL FIRE FIGHTING PROCEDURE: USE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH) CERTIFIED GAS MASK. USE SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

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**03 – PREVENTATIVE RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

PREVENT ADDITIONAL DISCHARGE OF MATERIALS IF POSSIBLE TO DO WITHOUT HAZARD. DIKE LARGE SPILLS. ABSORB WITH INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE. WEAR/USE APPROPRIATE PROTECTIVE EQUIPMENT. DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

**04 – HANDLING AND STORAGE**

PRECAUTIONARY INFORMATION: WASH HANDS THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES AND SKIN

OTHER HANDLING AND STORAGE CONDITIONS: STORE AT ROOM TEMPERATURE

**05 – SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

VENTILATION: GENERAL ROOM VENTILATION ADEQUATE

PROTECTIVE GLOVES: USE RUBBER GLOVES

EYE PROTECTION: USE SAFETY GLASSES

OTHER PROTECTIVE MEASURES: NO SPECIAL REQUIREMENTS

**06 – PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N.A.	SPECIFIC GRAVITY (WATER=N 1.0): 0.875	VAPOR PRESSURE: N.A.
MELTING POINT: N.A.	VAPOR DENSITY: N.E.	SOLUBILITY IN WATER: INSOLUBLE
EVAPORATION RATE: N.A.	THEORETICAL VOC: NONE	pH: N.D.
FREEZING POINT: N.A.	PERCENT VOLATILE BY VOLUME: N.A.	
APPEARANCE & ODOR: CLEAR LIQUID WITH MILD ODOR		

**07 – STABILITY AND REACTIVITY**

STABILITY: STABLE

STABILITY CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY: STRONG ACID AND OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: NONE

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**08 – TOXICOLOGY INFORMATION**

EFFECTS OF CHRONIC EXPOSURE: NOT AVAILABLE

**09 – ECOLOGICAL INFORMATION**

ENVIRONMENTAL DATA: NOT AVAILABLE

**10 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL INFORMATION: OBSERVE ALL APPLICABLE FEDERAL/PROVINCIAL/STATE REGULATIONS AND LOCAL/MUNICIPAL ORDINANCES REGARDING DISPOSAL.

**11 – TRANSPORTATION INFORMATION**

US DOT INFORMATION: NOT A DOT REGULATED SUBSTANCE

**12 – REGULATORY INFORMATION**

NONE

**13 – OTHER INFORMATION**

ADDITIONAL INFORMATION: USE AS DIRECTED

EPA REGISTRATION NO: NOT APPLICABLE

**14 - DISCLAIMER**

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