

MSDS NO. 61016

PRODUCT HRTLND OIL SYS.CLR.16QZ.24/CS

REVISION

HEARTLAND MANUFACTURING
105 BROOK COURT

REV.DATE 01/19/95

DATE 04/07/95

BOLLING BROOK IL60440

01. PRODUCT IDENTIFICATION

CHEMICAL NAME: PETROLEUM HYDROCARBON

FLAMMABILITY (RED)

SYNONYMS)/COMMON NAME(S):

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ENGINE OIL SYSTEM CLEANER

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CHEM FORMULA: NA MIXTURE

HEALTH

/ 2 \ 0 \

REACTIVITY

CAS NUMBER: NA MIXTURE

(BLUE)

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(YELLOW)

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DOT SHIP NAME: NON-HAZARDOUS

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DOT HAZ CLASS: NON-HAZARDOUS

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DOT ID NUMBER: NA

SPECIAL HAZARD

02. HAZARDOUS INGREDIENTS

INGREDIENT	OSHA PEL / ACGIH TLV	CAS NUMBER	PERCENT
PETROLEUM OIL, REFINED	MIST-5mg/m3	64742-65-0	>95.00
2-BUTOXYETHANOL	SKIN 25 PPM	11-76-2	>15.

03. PHYSICAL CHARACTERISTICS

Boiling Point: > 171 DEG C
 Specific Gravity (H2O = 1): 0.876
 Vapor Pressure (mm Hg): NO DATA
 Melting Point: NO DATA
 Vapor Density (AIR = 1): NO DATA
 Solubility in Water: NEGLIGIBLE
 Evaporation Rate (Butyl Acetate = 1): < 1.0
 Appearance & Odor: CLEAR YELLOW LIQUID WITH PETROLEUM ODDOR.

04. FIRE AND EXPLOSION DATA

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS
CO AND VARIOUS ORGANIC COMPOUNDS.

04. FIRE AND EXPLOSION DATA

(CONTINUED)

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES
CO2, FOAM, DRY CHEMICAL, WATER FOG.

FLASH POINT (MINIMUM)
150 DEG F (TCC)

HANDLING PRECAUTIONS
COOL EXPOSED CONTAINERS WITH WATER FOG TO PREVENT WEAKENING OF
CONTAINERS.

SPECIAL FIRE FIGHTING PROCEDURES
USE SELF CONTAINED BREATHING APPERATUS WITH FULL SHIELDING AND
PROTECTIVE CLOTHING WHEN FIRE FIGHTING.

05. REACTIVITY DATA

REACTIVITY

THIS PRODUCT IS NORMALLY STABLE IF STORED PROPERLY, KEEP AWAY FROM
HEAT, DIRECT FLAME, SOURCES OF IGNITION.
KEEP AWAY FROM STRONG OXIDIZERS.

06. HEALTH HAZARD DATA

EYE CONTACT

MAY IRRITATE EYES.

EYE CONTACT

IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES
WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

INGESTION

PRODUCT CAN BE MODERATELY TOXIC, IF INGESTED.

INGESTION

IF VICTIM IS CONSCIOUS, INDUCE VOMITING GIVING 30 ML OF SYRUP OF
IPEAC. GET IMMEDIATE MEDICAL ASSISTANCE!!

INHALATION

VAPORS MAY CAUSE IRRITATION TO THE NOSE, THROAT AND RESPIRATORY TRACT.

INHALATION

REMOVE VICTIM TO FRESH AIR; RESTORE/SUPPORT BREATHING; GET IMMEDIATE
ASSISTANCE.

NATURE OF HAZARD

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: PREEXISTING SKIN, EYE AND
LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

06. HEALTH HAZARD DATA

(CONTINUED)

SKIN CONTACT

MAY IRRITATE SKIN.

SKIN CONTACT

FLUSH SKIN WITH WATER, WASH WITH SOAP & WATER; IF IRRITATION OCCURS
GET MEDICAL ATTENTION.

07. PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS FOR HANDLING

THIS PRODUCT IS GENERALLY CONSIDERED NON-HAZARDOUS USE GOOD INDUSTRIAL
HANDLING METHODS TO REDUCE EXPOSURE.

08. INDUSTRIAL HYGIENE CONTROL MEASURES

INDUSTRIAL HYGIENE CONTROL MEASURES

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS THE USE OF PROPER INDUSTRIAL
HYGIENE METHODS WILL MINIMIZE EXPOSURE.

09. SPECIAL PRECAUTIONS

EYE PROTECTION

WEAR CHEMICAL GOGGLES, AS REQUIRED.

PROTECTIVE GLOVES

WEAR CHEMICAL RESISTANT GLOVES, AS REQUIRED.

RESPIRATORY PROTECTION

USE A NIOSH/MSHA RESPIRATOR DESIGNED FOR USE WITH ORGANIC VAPORS IF
EXPOSURE EXCEEDS OCCUPATIONAL, EXPOSURE LIMITS.

SPILL OR LEAK PROCEDURES

CONTAIN SPILL, ABSORB WITH SUITABLE MATERIAL SUCH AS OIL DRY, SAND OR
OTHER ABSORBENT, INERT, NON-COMBUSTIBLE MATERIAL. TRANSFER TO
SECURE CONTAINERS, IN THE EVENT OF AN UNCONTROLLED MATERIAL RELEASE,
THE USER SHOULD DETERMINE IF RELEASE IS REPORTABLE UNDER APPLICABLE
LAWS AND REGULATIONS.WASTE DISPOSAL: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, STATE,
AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER
SECTIONS OF MSDS FOR HAZARD CAUTION INFORMATION.

VENTILATION

MAINTAIN PROPERLY ENGINEERED VENTILATION TO REDUCE PERSONNEL EXPOSURE
TO ORGANIC VAPORS.