

MSDS NO. 61088

PRODUCT HEARTLAND TRANS. SEALER &amp; COND.

REVISION

HEARTLAND MANUFACTURING  
105 BROOK COURT

REV. DATE 12/14/94

DATE 12/22/94

BOLLING BROOK IL60440

## 01. PRODUCT IDENTIFICATION

CHEMICAL NAME: PETROLEUM OILS/MIXTURE  
SYNONYM(S)/COMMON NAME(S):  
TRANSMISSION ADDITIVECHEM FORMULA: NA MIXTURE  
CAS NUMBER: NA MIXTUREDOT SHIP NAME: NON-HAZARDOUS  
DOT HAZ CLASS: NON-HAZARDOUS  
DOT ID NUMBER: NA

FLAMMABILITY (RED)

HEALTH  
(BLUE)REACTIVITY  
(YELLOW)

SPECIAL HAZARD

## 02. HAZARDOUS INGREDIENTS

INGREDIENT	OSHA PEL / ACGIH TLV	CAS NUMBER	PERCENT
AROMATIC PETROLEUM DISTILLATE	NA	64742-95-6	15.0-20.0
NAPHTHENIC PETROLEUM OIL MIXTURE	NA	64742-53-6/64742-52-5	40 - 45
PARAFFINIC PETROLEUM OIL	NA	64742-65-0	40 - 45

## 03. PHYSICAL CHARACTERISTICS

BOILING POINT: > 550 DEG F  
 SPECIFIC GRAVITY (H2O = 1): 0.880 @ 60 F  
 VAPOR PRESSURE (MM HG): NO DATA  
 MELTING POINT: NA  
 VAPOR DENSITY (AIR = 1): NA  
 SOLUBILITY IN WATER: INSOLUBLE  
 EVAPORATION RATE (BUTYL ACETATE = 1): NO DATA  
 APPEARANCE & ODOR: CLEAR YELLOW TO PALE YELLOW LIQUID WITH PETROLEUM ODOR.

## 04. FIRE AND EXPLOSION DATA

AUTOIGNITION TEMPERATURE

## 04. FIRE AND EXPLOSION DATA

(CONTINUED)  
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NA

## DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULFUR AND HYDROCARBONS.

## "EMPTY" CONTAINER WARNING

USED CONTAINERS SHOULD BE CLEANED AND RECONDITIONED BY AN APPROVED FACILITY. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS WHEN APPLICABLE

## EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON MONOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

## SPECIAL FIRE FIGHTING PROCEDURES

USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL. PRESSURE-DEMAND SELF CONTAINED, BREATHING APPARATUS SHOULD BE PROVIDED FOR FIREFIGHTERS IN BUILDINGS OR CONFINED AREAS WHERE PRODUCT IS STORED.

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05. REACTIVITY DATA  
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## REACTIVITY

UNDER NORMAL CONDITIONS, THE MATERIAL IS STABLE.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZERS SUCH AS LIQUID CHLORINE, OXYCHLORINE SALTS, AND HIGH OXYGEN CONC.

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06. HEALTH HAZARD DATA  
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## EFFECT OF OVEREXPOSURE (SIGNS AND SYMPTOMS OF EXPOSURE)

ACUTE: MAY CAUSE IRRITATION TO THE SKIN AND EYES. IF INGESTED, CAN CAUSE GASTROINTESTINAL IRRITATION. INHALATION OF MIST CAUSE IRRITATION AND LIPID PNEUMONIA.

CHRONIC: PROLONGED AND REPEATED INHALATION OF HIGH CONCENTRATIONS OF MIST MAY CAUSE PULMONARY FIBROSIS. SKIN EXPOSURE MAY CAUSE DRYING, IRRITATION OF SKIN, OIL ACNE, AND SKIN LESIONS.

## EMERGENCY AND FIRST AID PROCEDURES

## EYE CONTACT

MAY CAUSE EYE IRRITATION.

## EYE CONTACT

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MIN. HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE EYE SURFACE. SEEK MEDICAL ATTENTION.

## INGESTION

06. HEALTH HAZARD DATA

(CONTINUED)

VOMITING DUE TO IRRITATION OF THE DIGESTIVE TRACT IS COMMON. KEEP AIR WAY CLEAR. LUBRICANT OILS HAVE LOW TO MODERATE ORAL TOXICITY.

INGESTION

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR.

\*\*\*\*\* SEEK MEDICAL ATTENTION IMMEDIATELY \*\*\*\*\*

INHALATION

NOT SUFFICIENTLY VOLATILE TO PRESENT A HAZARD FROM VAPOR INHALATION UNDER NORMAL USE. OIL MIST GENERATED BY FAST MOVING MACHINERY AND HIGH TEMPERATURES MAY CAUSE SYMPTOMS OF RESPIRATORY TRACT IRRITATION.

INHALATION

IF SYMPTOMS DEVELOPE, GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR

SKIN CONTACT

WASH CONTAMINATED AREAS WITH PLENTY OF SOAP AND WATER. DO NOT USE SOLVENTS TO REMOVE OIL.

\*\*\*\*\* NOTES TO PHYSICIAN \*\*\*\*\*

DO NOT INDUCE VOMITING USE GASTRIC LAVAGE ONLY. ASPIRATION OF PETROLEUM DISTILLATES ASSOCIATED WITH VOMITING MAY CAUSE PULMONARY IRRITATION AND PNEUMONITIS. IF ASPIRATION IS SUSPECTED, RESPIRATORY EFFECTS SHOULD BE EVALUATED. SUSPICIOUS SKIN LESIONS SHOULD BE EXCISED AND EXAMINED HISTOLOGICALLY.

07. PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS FOR HANDLING  
SEE SEC 09.

08. INDUSTRIAL HYGIENE CONTROL MEASURES

INDUSTRIAL HYGIENE CONTROL MEASURES  
SEE SEC 09.

09. SPECIAL PRECAUTIONS

EYE PROTECTION

EYE GLASS OR APPROVED GOGGLES.

OTHER PROTECTIVE EQUIPMENT

STANDARD WORK CLOTHING REQUIRED. APRON TO PROTECT CLOTHING RECOMMENED

PROTECTIVE GLOVES

09. SPECIAL PRECAUTIONS

(CONTINUED)

IMPERVIOUS GLOVES SHOULD BE WORN.

SPILL OR LEAK PROCEDURES

FOLLOW LOCAL, STATE AND/OR FEDERAL REGULATION PERTAINING TO MINERAL OIL SPILLS.

VENTILATION

SPECIAL VENTILATION IS NOT NEEDED; LOCAL MECHANICAL VENTILATION IS SUFFICIENT.

10. DISCLAIMER

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