

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: KHP Grease

CAS 74869.21.9  
MSDS DATE: 04 /17/2013

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: KHP Grease

SYNONYMS:

PRODUCT CODES:

MANUFACTURER: ARtech Packaging

DIVISION:

ADDRESS: 323 Rte 209, Huguenot, NY 12746

EMERGENCY PHONE:

CHEMTREC PHONE: 800 424 9300

OTHER CALLS: 845 858 8558

FAX PHONE: 845 858 8338

CHEMICAL NAME: Lubricating Grease

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE:

PREPARED BY: Steven Renwick

SECTION 1 NOTES:

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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### INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
9002-88-4	6-15		No
68649-42-3	0.2-3		No
64742-53-6	5-15		No
64742-62-7	60-80		No
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	2010	5mg/m	mineral oil
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:	2010	5mg/m	mineral oil
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Ingestion, Dermal, Eye

POTENTIAL HEALTH EFFECTS

EYES: Mild Irritation

SKIN: Mild Irritation

INGESTION Indigestion

INHALATION: NA

ACUTE HEALTH HAZARDS: NA

CHRONIC HEALTH HAZARDS: NA

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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## CARCINOGENICITY

OSHA: None  
OTHER:

ACGIH: None

NTP: None

IARC: None

## SECTION 3 NOTES:

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## SECTION 4: FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes, Get medical Attention

SKIN: Flush with soap and water, remove contaminated clothing

INGESTION: : Do not induce vomiting, get medical attention

INHALATION: NA

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

## SECTION 4 NOTES:

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## SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: NA  
(% BY VOLUME) LOWER:

FLASH POINT:

F: 440

C:

METHOD USED: ASTM D 92

AUTOIGNITION TEMPERATURE:

F: 485

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY:1

REACTIVITY:0

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY:0

PROTECTION:

EXTINGUISHING MEDIA: Water fog, CO2, Dry Chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES: Water may cause frothing

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS: CO & CO2 if incomplete Combustion, Oxides of Sulfur

## SECTION 5 NOTES:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Absorb with sand or inert material: sweep or scoop up and remove

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SECTION 6 NOTES:

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Keep away from open flame, Keep container closed

OTHER PRECAUTIONS: Normal Precautions to good manufacturing practices.

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

VENTILATION : Use with adequate ventilation

RESPIRATORY PROTECTION:

EYE PROTECTION: Safety Glasses

SKIN PROTECTION: Neoprene/Nitrile Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None normally required

WORK HYGIENIC PRACTICES: Wash hands after use

EXPOSURE GUIDELINES: None normally

SECTION 8 NOTES: Normal precautions common to good manufacturing Practices should be followed

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Amber Semi Solid

ODOR: Petroleum

PHYSICAL STATE: Semi Solid

pH AS SUPPLIED:

pH (Other):

BOILING POINT:

F: >400

C:

MELTING POINT:

F: >170

C:

FREEZING POINT: NA

F:

C:

VAPOR PRESSURE (mmHg):

@

F: NA

C:

VAPOR DENSITY (AIR = 1):

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F: NA

C:

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SPECIFIC GRAVITY (H2O = 1): 0.898

F:

C:

EVAPORATION RATE:

BASIS (=1):

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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SOLUBILITY IN WATER: Nil at 20c

PERCENT SOLIDS BY WEIGHT: <2%

PERCENT VOLATILE: Not volatile

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): None

WITH WATER:	LBS/GAL
WITHOUT WATER:	LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY: NA

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F:

C:

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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### STABLE

### UNSTABLE

STABILITY: Normally stable

CONDITIONS TO AVOID (STABILITY):

Strong Oxidizers

INCOMPATIBILITY (MATERIAL TO AVOID):

Bromine, chlorine, chromic acid

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO & CO2

HAZARDOUS POLYMERIZATION: Material is not known to polymerize

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Contains no known carcinogens or mutagens as defined by OSHA or IARC

SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** If material is spilled or released steps should be taken to prevent discharges to streams of sewer systems. Absorb residue with inert material such as earth, sand or vermiculate. Dispose of in accordance with local, state and federal regulations

SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Comply with federal state and local regulations

**RCRA HAZARD CLASS:** None

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## SECTION 13: DISPOSAL CONSIDERATIONS (con't)

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SECTION 13 NOTES: Dispose of according to local, state and federal regulations

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Lubricating Grease

**HAZARD CLASS:** None

**ID NUMBER:**None

**PACKING GROUP:**None

**LABEL STATEMENT:**

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** Lubricating Grease

**HAZARD CLASS:** None

**ID NUMBER:** None

**PACKING GROUP:** None

**LABEL STATEMENTS:**

### AIR TRANSPORTATION

**PROPER SHIPPING NAME:** Lubricating Grease

**HAZARD CLASS:** None

**ID NUMBER:** None

**PACKING GROUP:** None

**LABEL STATEMENTS:**

OTHER AGENCIES:

SECTION 14 NOTES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components are listed on EPA/TSCA Inventory

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Classified as oil Spills into or leaks leading to surface water must be reported to the National Response center at 1 800 424 8802

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** N/A0

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311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: Zinc Alkyldithiophosphate <0.5% wt.

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION:

PREPARATION INFORMATION:

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