

Product: KSG Grease

1 - Product and company identification

PRODUCT NAME: KSG 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

Notes:

2 - Composition/information on ingredients

INGREDIENT:

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
9002-88-4	6-10		No
68649-42-3	0.2-3		No
64742-53-6	5-15		No
64742-62-7	60-80		No

	ppm		mg/m3
OSHA PEL-TWA:	2010	5mg	mineral oil
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:	2010		
ACGIH TLV STEL:			
ACGIH TLV CEILING:	2010	5mg	mineral oil

Notes:

3 - Hazards identification

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA: None ACGIH: None NTP: None IARC: None

OTHER:

Notes:

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:

Notes:

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

Notes:

6 - Accidental release measures

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

Notes:

7 - Handling and storage

HANDLING AND STORAGE: Keep away from open flame, Keep container closed
OTHER PRECAUTIONS: Normal Precautions to good manufacturing practices.

Notes:

8 - Exposure controls/personal protection

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

Notes: Normal precautions common to good manufacturing Practices should
be followed

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9 - Physical and chemical properties

APPEARANCE: Green 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):
@
F: NA
C:

SPECIFIC GRAVITY (H2O = 1): 0.898
F:
C:

EVAPORATION RATE:

BASIS (=1):

9 - Physical and chemical properties (con't)

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
@
F:
C:

Notes:

10 - Stability and reactivity

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):

Notes:

11 - Toxicological information

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

Notes:

12 - Ecological information

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

Notes:

13 - Disposal considerations

WASTE DISPOSAL METHOD: Comply with federal state and local regulations

RCRA HAZARD CLASS: None

13 - Disposal considerations (con't)

Notes: Dispose of according to local, state and federal regulations

14 - Transport information

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:

Notes:

15 - Regulatory information

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/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: Zinc Alkyldithiophosphate <0.5% wt.

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

Notes:

16 - Other information

OTHER INFORMATION:

PREPARATION INFORMATION:

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