

KENDALL REFINING COMPANY, DIV OF WITCO CHEM. CORP -- KENDALL NS-MP HYPOID GEAR LUBRI;ALL SAE GRA -- 9150-01-035-5395

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===== Product Identification =====

Product ID:KENDALL NS-MP HYPOID GEAR LUBRI;ALL SAE GRA

MSDS Date:06/20/1986

FSC:9150

NIIN:01-035-5395

MSDS Number: BGGPJ

=== Responsible Party ===

Company Name:KENDALL REFINING COMPANY, DIV OF WITCO CHEM. CORP

Address:77NORTH KENDALL AVENUE

City:B

RADFORD

State:PA

ZIP:16701

Info Phone Num:814-368-6111

Emergency Phone Num:814-368-6111

CAGE:KENDA

=== Contractor Identification ===

Company Name:KENDALL REFINING COMPANY

Address:77 N. KENDALL AVE

Box:2000

City:BRADFORD PA.

State:PA

ZIP:16701

Country:US

Phone:814-368-6111

CAGE:KENDA

Company Name:WITCO CHEMICAL CORP,KENDALL REFINING CO. DIVISION

Address:77 N KENDALL AVENUE

Box:2000

City:BRADFORD

State:PA

ZIP:16701-1726

Country:US

Phone:814-368-6111

CAGE:75273

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===== Composition/Informati

on on Ingredients =====

Ingred Name:PETROLEUM HYDROCARBON

Fraction by Wt:

Other REC Limits:N/K

OSHA PEL:

ACGIH TLV:

Ingred Name:ADDITIVES

Fraction by Wt:

Other REC Limits:N/K

OSHA PEL:

ACGIH TLV:

===== Hazards Identification =====

LD50 LC50 Mixture:N/K

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTONS OF OVEREXPOSURE SECTION .

Explanation of Carcinogenicity:N/A

Effects of Overexpos

ure:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

Medical Cond Aggravated by Exposure:N/K

===== First Aid Measures =====

First Aid:EYES:FLUSH IMMED W/ LGE AMTS OF WATER FOR AT LEAST 15MIN AND CALL PHYSICIAN. INHALATION:REMOVE TO FRESH AIR.SUPPORT BREATHING (GIVE O*2/ARTIFICIAL RESPIRATION)CALL PHYSICIAN. INGESTION:CALL PHYSICIAN IMMEDIATELY. SKIN:REMOVE EXCESS WITH CLOTH/PAPER WASH THOROUGHLY WITH SOAP + WATER.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:350F/177C

Lower Limits:NT APPLICABL

Upper Limits:NT APPLICABL

Extinguishing Media:DRY CHEMICAL OR WATERFOG OR CO*2 OR FOAM. EXPOSED MATERIAL MAY BE COOLED WITH WATER.

Fire Fighting Procedures:USE NIOSH MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT. DO NOT USE WATER EXCEPT AS FOG.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Rel

ease Procedures:TRANSFER BULK OF MIX INTO ANOTHER CONTAINER.ABSORB RESIDUE W/AN INERT MATL SUCH AS EARTH; SAND; VERMICULITE.SWEEP UP AND DISPOSE AS SOLID WASTE IN ACCORDANCE WITH LOCAL,STATE, AND FEDERAL REGULATIONS.

Neutralizing Agent:N/K

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===== Handling and Storage =====

Handling and Storage Precautions:DO NOT HANDLE OR STORE AT TEMPERATURES OVER 100F/38C.

Other Precautions:N/K

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:USE NIOSH MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT

Ventilation:LOCAL IF NECESSARY TO MAINTAIN ALLOWABLE PEL(PERMISSIBLE EXPOSURE LIMIT) OR TLV (THRESHOLD LIMIT VALUE)

Protective Gloves:NEOPRENE TYPE

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:NONE

Work Hygienic Practices:N/K

Supplemental Safety and Health

PCT VOLT-VOL:N,VOLT BY WEIGHT:0.RT OF ENTRY:ACCORDING TO MFG:TLV FOR

PRODUCT IF USED IN APPLI WHERE MIST MAY BE GENERATED;OBSERVE A TWA/PEL OF 5 MG/M3 FOR MINERAL OIL MIST (OSHA AND ACGIH).

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===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:626 F, 330C

Melt/Freeze Pt:M.P/F.P Text:NOT APPLIC

Decomp Temp:Decomp Text:N/K

Vapor Pres:0

Vapor Density:NT VOLATIL

Spec Gravity:0.87 TO 0.91

pH:NT APP

Evaporation Rate & Reference:0 METHOD:N/K

Solubility in Water:0 AT 20C

Appearance and Odor:VISCOUS L

LIQUID, PUNGENT, SULFUR TYPE, GREEN TO BROWN

Percent Volatiles by Volume:N/K-FP

Corrosion Rate:

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE; BROMINE; AND CHROMIC ACID.

Stability Condition to Avoid:N/K

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING.OXIDES OF PHOSPHORUS,OXIDES OF SULFUR.

===== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL; STATE AND LOCAL REGULATIONS

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