

THE STANDARD OIL COMPANY(OHIO) -- ENERGOL HLP 2 -- 9150-00-162-8385

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Product Identification
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Product ID:ENERGOL HLP 2

MSDS Date:01/01/1987

FSC:9150

NIIN:00-162-8385

MSDS Number: BDDQH

=== Responsible Party ===

Company Name:THE STANDARD OIL COMPANY(OHIO)

Emergency Phone Num:800-321-8642

CAGE:DO908

=== Contractor Identification ===

Company Name:BP OIL COMPANY

Address:200 PUBLIC SQ

Box:Cit

y:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Phone:216-586-8023

CAGE:82250

Company Name:THE STANDARD OIL COMPANY

Address:200 PUBLIC SQUARE

Box:City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Phone:216-586-6499

CAGE:DO908

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Composition/Information on Ingredients
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Ingred Name:KEROSINE; CAS #8008-20-6

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: UNK

Ingred Name:ZINC ALKYL DITHIOPHOSPHATE.

Fraction by Wt: UNK

Ingred Name:MIXTURE OF PETROLEUM HYDROCARBON & SELECT

ED ADDITIVES(SUCH AS ANTIFOAM,ANTIRUST,DMULSFYG)

Fraction by Wt: UNK

Ingred Name:PARAFFINIC BASE OIL(REFINED BY A SOLVENT)

Fraction by Wt: UNK

Ingred Name:NON-AQUEOUS SOLUTION,HAZARD UNKNOWN,UNIDENTIFIED

Fraction by Wt: UNK

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

Effects of Overexposure:PROLNGD/RPEATD SKIN CONTCT MAY CAUSE DERMATITIS,DEFATTNG/DRYNG;INH:LIQ CAN CAUSE SEV PNEUMONITIS.

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

Fi
rst Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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

Flash Point:160F-OC

Autoignition Temp:Autoignition Temp Text:UNK

Lower Limits:0.7%

Upper Limits:5.0%

Extinguishing Media:FOAM,CO*2,DRY CHEM, WATER FOG,SAND OR EARTH

Fire Fi

ghting Procedures:WEAR SCBA;USE H*2O TO COOL EXPSD CONTNRS;NO WATER ON FIRE.

Unusual Fire/Explosion Hazard:NO EXPLOSION HAZ;SULFUR/PHOSPHORUS IN ADDITVS MAY FORM ACID GASES IN SMOKE;CLASS IIIA COMBUSTBL LIQ.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS. ELIM IGNITION SOURCES. STOP LEAK. H*2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT. PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT,SHOVEL INTO

METAL DRUMS:LG SPILL:DI KE W COMMERCIAL
ABSORBENT,PUMP INTO COVERED DRUMS.

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

Handling and Storage Precautions:AVOID EXTREMES OF TEMPERATURE IN
STORAGE.STORE AWAY FM SOURCES OF IGNITION;AVOID CONTAMINATION;STORE
DRUMS SO THAT WATER WILL NOT GET IN.

Other Precautions:OBSERVE TLV LIMIT FOR OIL MIST.PRACTICE GOOD
HOUSEKEEPING.CLEAN UP SPILLS.OILY SPOTS CAN BE SLIPPERY.CHECK HIGH
PRESSURE HYDRAULIC SYSTEMS BEFORE
WORKING ON THEM TO AVOID OIL JET
UNDER PRESSUR

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NEEDED IN NORMAL USE;A SIMPLE FILTER MASK IS
REQD FOR OIL MIST.

Ventilation:MECH/LOCAL SUFFICIENT TO CONTROL ANY MIST BELOW TLV LEVEL.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES

Other Protective Equipment:BARRIER CREAMS,OIL-IMPERVIOUS GLOVES,EYE
SHIELD MAY BE USED.

Supplemental Safety and Health

MSDS FM MFR DATED(REVISED

DATE):11/17/81;TLV FOR OIL MIST=5 MG/CUM;NOTE

TO MD:PETROLEUM ASPIRATION MAY CAUSE SEVER PNEUMONITIS.DO NOT
INDUCE VOMIT,& GASTRIC LAVGAGE SHOULD BE UNDERTAKEN.

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

HCC:V4

Boiling Pt:B.P. Text:590F

Vapor Pres:0.5

Vapor Density:>1.0

Spec Gravity:0.825

Evaporation Rate & Reference:SLOWER THAN WATER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT YELLOW,CLEAR LIQUID W/PETROLEUM OIL ODOR

Percent Volatiles by Volu

me:0.0%

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS (PEROXIDES, CHLORINE, OXYGEN UNDER PR)

Stability Condition to Avoid: AVOID IGNITION SOURCES

Hazardous Decomposition Products: VOLATILE CRACKED HYDROCARBON, CARBON MONOXIDE.

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

Waste Disposal Methods: ELIMINATE IGNITION SOURCES. DESTROY BY LIQUID INCINERATION. INCINERATION WILL BE EASIER

BY MIXING WITH A MORE

FLAMMABLE SOLVENT. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE & LOCAL REGULATIONS.

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