

B P OIL COMPANY -- BP HEAT OIL NO. 2 -- 9140-01-247-4365

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

Product ID:BP HEAT OIL NO. 2

MSDS Date:08/05/1988

FSC:9140

NIIN:01-247-4365

MSDS Number: BPBQD

=== Responsible Party ===

Company Name:B P OIL COMPANY

Address:200 PUBLIC SQUARE

Box:6989

City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Info Phone Num:216-586-6499/800-424-9300(CHEMTREC)

Emergency Phone Num:80

0-321-8642/800-362-8059(OH ONLY)

Preparer's Name:RIGNEY

CAGE:0MJ97

=== Contractor Identification ===

Company Name:B P OIL COMPANY

Address:200 PUBLIC SQUARE

Box:6989

City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Phone:800-321-8642/800-362-8059(OH ONLY)

CAGE:0MJ97

===== Composition/Information on Ingredients =====

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

CAS:68476-30-2

Fraction by Wt: 99.9%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification

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LD50 LC50 Mixture:LD 50 ORAL RABBIT IS 38 GM/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. ASPIRATION OF OIL INTO LUNGS AFTER INGESTION MAY CAUSE PNEUMONITIS WHICH MAY BE FATAL. CHRONIC: ALLERGIC SKIN REACTION, PROLONGED OR MASSIVE SKIN CONTACT MAY CAUSE POISONING. PROLONGED INHALATION MAY CAUSE CHA

NGES IN THE

LIVER, KIDNEY AND BONE MARROW.

Explanation of Carcinogenicity:PRODUCTS OF SIMILAR COMPOSITION HAVE PRODUCED CANCER IN LABORATORY ANIMALS AND HAVE BEEN POSITIVE IN MUTAGENIC TESTS.

Effects of Overexposure:EYE/SKIN: MODERATELY IRRITATING, REDNESS. INHALATION: HEADACHE, DIZZINESS, NAUSEA, STUPOR, CONVULSIONS, OR LOSS OF CONSCIOUSNESS, AND DEATH. INGESTION: DIGESTIVE TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA. SYMPTOMS SIMILAR TO INHALATION.

Medical Cond Ag

gravated by Exposure:PRE-EXISTING RESPIRATORY, KIDNEY, CENTRAL NERVOUS SYSTEM OR SKIN DISEASES MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WIPE EXCESS OIL OFF WITH A DRY CLOTH. WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE

OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:130F,54C

Autoignition Temp:Autoignition Temp Text:410F

Lower Limits:0.7

Upper Limits:5.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER STREAM MAY SPLASH AND SPREAD FLAMING LIQUIDS.

Fire Fighting Procedures:FIREFIGHTERS WEAR SELF-CONTAINED BREATHING APP

ARATUES AND PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:FIRE EXPOSED CONTAINERS MAY EXPLODE. HEATING INCREASES FIRE HAZARD OF MATERIAL. THERMAL DECOMPOSITION MAY PRODUCE IRRITATING OR TOXIC SUBSTANCES.

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

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. STOP LEAK IF IT CAN BE DO  
NE SAFELY. CONTAIN SPILL. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIAT E DISPOSAL CONTAINER. WASH AREA WITH SOAP & WATER.

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS OR TANKS IN WELL VENTILATED AREA. KEEP AWAY FROM EXCESSIVE HEAT, IGNITION SOURCES OR OXIDIZERS. DO NOT CUT OR WELD CONTAINR  
Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE NON-SPARKING TOOLS AND EXPLOSION-PROOF EQUIPMENT. PREVENT STATIC ELECTRIC SPARKS. PROCEDURES FOR SLOW INITIAL LOADING RATE MUST BE FOLLOWED. NO SMOKING IN AREAS OF USE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.  
Ventilation:EXPLOSION-PROOF MECHANICAL (GENERAL) VENTILATION.  
Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES.  
Eye Protection:CHEMICAL SAFETY GOGGLES.  
Other  
Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.  
Work Hygienic Practices:DO NOT WEAR OIL CONTAMINATED CLOTHING. DO NOT PUT OILY RAGS INTO POCKETS. WASH AFTER HANDLING AND BEFORE EATING.  
Supplemental Safety and Health  
DO NOT USE IN PORTABLE KEROSENE HEATERS DESIGNED FOR K-1, OR IN UNVENTED HEATERS. EMPTY CONTAINERS MAY CONTAIN TOXIC, FLAMMABLE/COMBUSTIBLE OR EXPLOSIVE RESIDUE OR VAPORS.

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

HCC:F4

Boiling Pt:B.P. Text:320F,160C

Melt/Freeze Pt:M.P/F.P Text:-15F,-26C

Vapor Pres:0.4

Vapor Density:4.7

Spec Gravity:0.84-0.89

pH:7

Evaporation Rate & Reference:0.04 (BUTYL ACETATE = 1)

Solubility in Water:INSOLUBLE.

Appearance and Odor:WATER WHITE TO CLEAR YELLOW, OILY LIQUID WITH MILD PETROLEUM ODOR.

Percent Volatiles by Volume:100

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

Stability In

dicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, THICK BLACK SMOKE AND UNDETERMINED HYDROCARBON COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULAT

IONS. CONTAMINATED ABSORBENT MATERIAL MAY BE DISPOSED OF IN APPROVED CHEMICAL WASTE LANDFILL S. RCRA HAZARDOUS WASTE NUMBER D001.

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