

BP OIL CO -- ALL SEASON 10 W-40 -- 9150-00-116-0506

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

Product ID:ALL SEASON 10 W-40

MSDS Date:02/27/1989

FSC:9150

NIIN:00-116-0506

MSDS Number: BRSYT

=== Responsible Party ===

Company Name:BP OIL CO

Address:200 PUBLIC SQUARE

City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Info Phone Num:216-586-6499

Emergency Phone Num:800-321-8642/362-8059/424-9300 CHEM

Prepare

r's Name:MCKINLEY

CAGE:0D3L4

=== Contractor Identification ===

Company Name:BP OIL CO

Address:200 PUBLIC SQ

City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Phone:216-586-4219/216-586-6499

CAGE:0D3L4

Company Name:BP OIL CO RESIDUAL FUEL SALES

Address:200 PUBLIC SQUARE 23RD FLOOR

Box:City:CLEVELAND

State:OH

ZIP:44114-2375

Country:US

Phone:216-586-4219

CAGE:0NW87

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

Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES/PETROLEUM DISTI

LLATES

(NAPHTHA)

CAS:64741-88-4

Fraction by Wt: 45 - 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST).

ACGIH TLV:5 MG/M3 (OIL MIST).

Ingred Name:PETROLEUM OIL

CAS:64741-89-5

RTECS #:PY8041500

Fraction by Wt: 20 - 30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:SOLVENT REFINED HYDROTREATED, DEWAXED HEAVY PARAFINIC  
DISTILLATE (TOTAL PERCENTAGE OF INGREDIENTS 3 AND 4 = 10-15%)

CAS:64742-65-0

Other REC Limits:NONE RECO  
MMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:STYRENE-ETHYLENE/PROPYLENE BLOCK COPOLYMER

Fraction by Wt: SEE # 3%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVE PACKAGE (CONTAINING:DETERGENTS, DISPERSANTS,  
INHIBITORS AND ZINC DIALKYLDITHIOPHOSPHATE)

Fraction by Wt: 10 - 15%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS = > 5,000 MG/KG.

Routes of Entry: Inh

alation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE- PROLONGED/REPEATED SKIN CONTACT  
MAY CAUSE DEFATTING & INFLAMMATION. EYE CONTACT MAY CAUSE SLIGHT  
IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GASTROINTESTI NAL DISTTUBANCES. CHRONIC-  
UNKNOWN. TARGET ORGANS: EYES, SKIN, LUNGS, GI TRACT

Explanation of Carcinogenicity:THE IARC HAS CONCLUDED THERE IS  
SUFFICIENT EVIDEN

CE THAT USED MOTOR OILS PRODUCE TUMORS IN  
EXPERIMENTAL ANIMALS.

Effects of Overexposure:GASTROINTESTINAL & RESPIRATORY TRACTS  
IRRITATION, EYES AND SKIN IRRITATION, NAUSEA, VOMITING, DIARRHEA,  
SKIN DEFATTING, OIL ACNE, REDNESS, ITCHING, INFLAMMATION, CRACKING  
& SECONDARY INFECTION, OIL PN EUMONIA

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First

Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH  
SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS  
OPEN. INHALED:MOVE TO FRESH AIR IF NEEDED. ORAL:DO NOT INDUCE  
VOMITING. RIN SE MOUTH WITH WATER. IF VOMITING OCCURS, KEEP HEAD  
BELOW HIPS DUE TO ASPIRATION HAZARD. SEEK MEDICAL ASSISTANCE.

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

Flash Point Method:COC

Flash Point:410F,210C

Extinguishing Media:CARBON DIOXIDE, FOAM/DRY CHEMI  
CAL. WATER/FOAM MAY

CAUSE FROTHING & CAN BE DANGEROUS IF SPRAYED INTO HOT, BURNING  
LIQUID.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE IN HEAT OF FIRE.  
TOXIC OR IRRITATING SUBSTANCES MAY BE EMITTED UPON THERMAL  
DECOMPOSITION.

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

Spill

Release Procedures:ELIMINATE SOURCES OF IGNITION. PICK UP SMALL  
SPILLS WITH NON-FLAMMABLE ABSORBENT MATERIALS SUCH AS SAND OR CLAY.  
FOR LARGE SPILLS, WEAR PROTECTIVE EQUIPMENTS. REMOVE WITH VACUUM  
TRUCKS OR PUMP. DO NOT ALLOW SPILL TO ENTER SEWERS/WATERCOURSES.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS, IN COOL,  
VENTILATED AREA AWAY FROM HEAT, FLAME & OXIDIZERS

. DO NOT EAT OR  
DRINK IN WORKING OR STORAGE AREAS.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE  
DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR  
EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. AVOID REPEATED OR  
PROLONGED SKIN CONTACT.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF WORKING  
IN A CONFINED AREA OR MISTING IS OCCURRING, USE NIOSH-APPROVED  
SUP

PLIED AIR RESPIRATOR, OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC  
VAPORS AND PARTICULATES. REFER TO 29CFR 1910.134.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL  
BELOW APPLICABLE STANDARD(S).

Protective Gloves:RUBBER FOR PROLONG/REPEATED EXPOSURE

Eye Protection:SPLASH PROOF SAFETY GOGGLES IF MISTING

Other Protective Equipment:EYE WASH STATION AND EMERGENCY SHOWERS.  
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH HANDS AND FACE  
BEFORE EATING OR DRINKING.

DISPOSE OF OIL SOAKED FOOTWEAR AND SHOES IF CANNOT BE CLEANED.

Supplemental Safety and Health

NOTE TO PHYSICIAN: THE POSSIBLE ASPIRATION OF HIGH VISCOSITY PETROLEUM  
PRODUCTS IS VERY SLIGHT. HOWEVER, IF ASPIRATED, PETROLEUM PRODUCTS  
MAY CAUSE SEVERE PNEUMONITIS. IN UNCONSCIOUS PERSONS, USE OF A  
N ENDOTRACHEAL TUBE SHOULD BE CONSIDERED IF GASTRIC LAVAGE IS  
UNDERTAKEN.

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

HCC:V6

NRC

/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:725F,385C

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:0.88

Evaporation Rate & Reference: