

B P OIL COMPANY -- GASOLINE,BP PLUS -- 9130-00-148-7104

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

Product ID:GASOLINE,BP PLUS

MSDS Date:04/28/1989

FSC:9130

NIIN:00-148-7104

MSDS Number: BPDXX

=== 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:800

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

Preparer's Name:PATNESKY

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

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

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM

; A2; 9293  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred  
Name:1,2,4-TRIMETHYLBENZENE (SARA III)  
CAS:95-63-6  
RTECS #:DC3325000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM; 9293

Ingred Name:ETHYL BENZENE (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:CYCLOHEXANE (SARA III)  
CAS:110-82-7  
RTECS #:GU6300000  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMME

NDED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM, 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE: IRRITATION BY CONTACT. CENTRAL  
NERVOUS SYSTEM EFFECTS IF INHALED. IF SWALLOWED, MAY BE ASPIRATED  
INTO LUNGS, RESULTING IN PULMONARY EDEMA AND CHEMICAL PNEUMONITIS.  
CHRONIC: RE  
PEATED CONTACT MA Y CAUSE DEFATTING. BENZENE IS A  
CONFIRMED CARCINOGEN AND MAY PRODUCE BLOOD CHANGES.  
Explanation of Carcinogenicity:BENZENE IS A CONFIRMED CARCINOGEN BY  
NTP, IARC AND OSHA.  
Effects of Overexposure:EYES/SKIN: SLIGHT IRRITATION, REDNESS.  
INGESTION: NAUSEA, VOMITING, DIARRHEA, HEADACHE, DIZZINESS, BLURRED  
VISION, CONVULSION, UNCONSCIOUSNESS, DEATH. ASPIRATION INTO LUNG  
AFTER INGESTION MAY CAUSE PU LMONARY EDEMA AND CHEMICAL  
PNEUMONITIS.INHALATION: SAME SYMPT  
OMS AS INGESTION PLUS ANEMIA AND  
IRREGULAR HEART RHYTHM.  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF  
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE  
OXYGEN/CPR IF NEEDED.SEE D  
OCTOR. INGESTION: DO NOT INDUCE  
VOMITING.SEE DOCTOR IMMEDIATELY. \*\*\* NOTE TO PHYSICIAN: GASTRIC  
LAVAGE USING CUFFED ENDOTRACHEAL TUBE MAY BE PERFORMED AT YOUR  
DISCRETION \*\*\*

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

Flash Point Method:TCC  
Flash Point:-35F,-37C  
Autoignition Temp:Autoignition Temp Text:833F  
Lower Limits:1.4  
Upper Limits:7.6  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL. WATER STREAM MAY BE INEFFECTIVE.  
Fire Fi

ighting 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:VAPORS FORM EXPLOSIVES MIXTURES WITH AIR. VAPORS MAY TRAVEL A LONG DISTANCE TO IGNITION SOURCE AND FLASHBACK. FIRE MAY FORM HAZARDOUS DECOMPOSTION PRODUCTS.

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

Spill Release Procedures:LIMINATE IGNITION SOURCES. REMOVE PERSONNEL.

STAY UPWIND. USE WATER SPRAY TO REDUCE VAPORS. WEAR PROPER PROTECTIVE EQUIPMENT. STOP LEAK. DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. FOR SMALL SPILL, TA KE UP IN INERT MATERIAL, THEN FLUSH WITH WATER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:AVOID BREATHING VAPORS, AND EYE AND SKIN CONTACT. USE ONLY WITH ADEQUATE VENTILATION. DO NOT SIPHON BY MOUTH. BOND AND GROUND CONTAINERS DURING TRANSFER. EMPTY CONTAINERS MAY CONTAIN TOXIC OR EXPLOSIV E RESIDUE OR VAPORS.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECH ANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:VITON, NITRILE, PVA.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:FULL BODY LONG-SLEEVED GARMENTS TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and

Health  
THESE PRECAUTIONS ARE FOR NORMAL USES AND CONDITIONS. WHERE SPECIAL OR UNUSUAL CONDITIONS EXIST, CONSULT AN INDUSTRIAL HYGIENIST. RCRA CLASSIFICATION IGNITABLE (D001). EP TOXIC (D008).

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

HCC:F2  
Boiling Pt:B.P. Text:55.0F,12.8C  
Vapor Pres:760  
Vapor Density:1.2  
Spec Gravity:0.73  
Evaporation Rate & Reference:>1 (WATER = 1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR LIQUID WITH A STRONG HYDROCARBON ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION  
Hazardous Decomposition Products:CARBON OXIDES, AND VARIOUS HYDROCARBONS WHEN BURNED.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. MANUFACTURER RECOMMENDS INCINERATION OR TRANSFER TO RCRA PERMITTED WASTE MANAGEMENT FACILITY. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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