

B P OIL COMPANY -- GASOLINE,BP SUPER NO LEAD -- 9130-00-148-7104

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

Product ID:GASOLINE,BP SUPER NO LEAD

MSDS Date:05/03/1988

FSC:9130

NIIN:00-148-7104

MSDS Number: BPBJF

=== 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

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

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 3%

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 LB

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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 12%

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: 11%

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:9

5-63-6

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 RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM, 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== 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: REPEATED CONTACT MAY 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 PULMONARY EDEMA AND CHEMICAL PNEUMONITIS. INHALATION: SAME SYMPTOMS AS INGESTION PLUS ANEMIA AND IRREGULAR

HEART RHYTHM.

Medical Condition Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== 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 DOCTOR. INGESTION: DO NOT INDUCE VOMITING.

SEE DOCTOR IMMEDIATELY. *** NOTE TO PHYSICIAN: GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE MAY BE PERFORMED AT YOUR DISCRETION ***

===== 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 Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE

VE 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:ELIMINATE 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, TAKE 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 VAPO

RS, 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 MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST
VE

NTILATION. 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:F1
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 RC
RA PERMITTED
WASTE MANAGEMENT FACILITY. DISPOSE OF IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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