

BP OIL CO -- GASOLINE, BP REGULAR UNLEADED

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MSDS Safety Information  
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FSC: 9130  
MSDS Date: 04/25/1995  
MSDS Num: CGCVB  
LIIN: OON082378  
Product ID: GASOLINE, BP REGULAR UNLEADED  
MFN: 01  
Responsible Party  
Cage: OD3L4  
Name: BP OIL CO  
Address: 200 PUBLIC SQUARE  
City: CLEVELAND OH 44114-2375  
Info Phone Number: 800-321-8642; 216-586-8023  
Emergency Phone Number: 800-424-9300(CHEMTREC)  
Published: Y

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Contractor Summary  
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Cage: OD3L4  
Name: BP OIL CO  
Address: 200 PUBLIC SQ  
City: CLEVELAND OH 44114-2375  
Phone: 216-586-4219/216-586-6499  
Cage: 82250  
Name: BP OIL COMPANY  
Address: 200 PUBLIC SQ  
City: CLEVELAND OH 44114-2375  
Phone: 216-586-8023

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Ingredients  
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Cas: 8006-61-9  
RTECS #: LX3300000  
Name: GASOLINE (MAY CONTAIN INGREDIENTS 2-11) % WT: 99.99-100  
% Wt: <100  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM, 500 STEL

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (SARA 313) (CERCLA)  
% Wt: 10-12  
OSHA PEL: 200 PPM  
ACGIH TLV: 50 PPM, S

EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 109-66-0  
RTECS #: RZ9450000  
Name: PENTANE  
% Wt: 9-11  
OSHA PEL: 1000 PPM  
ACGIH TLV: 600 PPM; 750 STEL

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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE (SARA 313) (CERCLA)  
% Wt: 6-10  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM; 150 STEL  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 110-54-3  
RTECS #: MN9275000  
Name: HEXANE (CERCLA)  
% Wt: 8-10  
OSHA PEL: 500 PPM  
ACGIH TLV: 50 PPM  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB

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Cas: 142-82-5  
RTECS #: MI7700000  
Name: HEPTANE (C7 & HIGHER)  
% Wt: 6-8  
OSHA PEL: 500 PPM  
ACGIH TLV: 400 PPM; 500 STEL

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Cas: 106-97-8  
RTECS #: EJ4200000  
Name: BUTANE  
% Wt: 4-6  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM

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Cas: 71-43-2  
RTECS #: CY1400000  
Name: BENZENE (SARA 313) (CERCLA)  
% Wt: 0-3  
OSHA PEL: N/K (FP N)

ACGIH TLV: 10 PPM  
EPA Rpt Qty: 10 LBS  
DOT Rpt Qty: 10 LBS

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Cas: 95-63-6  
RTECS #: DC3325000  
Name: BENZENE, 1, 2, 4-TRIMETHYL-; (1, 2, 4-TRIMETHYLBENZENE) (SARA 313)  
% Wt: 0-3  
OSHA PEL: 25 PPM  
ACGIH TLV: 25 PPM

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Cas: 100-41-4  
RTECS #: DA0700000  
Name: BENZENE, ETHYL-; (ETHYLBENZENE) (SARA 313)  
% Wt: 0-2  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM; 125 STEL  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 110-82-7  
RTECS #: GU6300000  
Name: CYCLOHEXANE (SARA 313) (CERCLA)  
% Wt: 1  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Name: SUPDAT: EXPLODE IN HEAT OF FIRE. IRRIT OR TOX SUBSTANCES MAY BE EMITTED  
UPON THERMAL DECOMP.

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Name: EXPLAN OF CARCIN: ANNUAL REPORT ON CARCINS: 1994: KNOWN TO BE CARCIN. OSHA  
REGULATED: CFR 29 1910.1028.

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Name: EFTS OF OVEREXP: INHAL: MAY CAUSE RESP TRACT IRRIT & CNS SYMPS SIMILAR  
TO INGEST. MAY CAUSE IRREGULAR HEART RHYTHM

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Name: ING 14: & BEHAVIORAL CHG. CHRONIC: TOLUENE APPEARS ON NAVY LIST OF  
OCCUP CHEM REPRO HAZS. SEEK CONSULT FROM APPROP

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Name: ING 15: HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST & SAFE HNDLG  
& EXPOS INFO (FP N). SOLV "SNIFFING" OR

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Name: ING 16: INTENTIONAL PRLNGD OVEREXP TO HIGH LEVELS OF SOLV VAPS CAN PRDCE  
ABNORM BEHAVIOR, CONVLS, HALLUCINATIONS,

Name: ING 17: DELIRIUM, NERVOUS SYS DMG & SUDDEN DEATH. CONTACT NEHC FOR MORE INFO ON HEALTH HAZARDS (FP N).

Name: FIRST AID: NOT BRTHG, ENSURE CLEAR AIRWAY & START CPR. IF BRTHG IS DFCLT, ADMIN O\*2 IF AVAIL. MONITOR CLOSELY.

Name: ING 19: GET IMMED MED ATTN. NOTES TO MD: INGEST: MOST IMPORTANT RISK TO ASSESS IS EXTENT OF ASPIR INTO LUNGS

Name: ING 20: SINCE ACUTE CHEM PNEUMIT CAN RAPIDLY PROGRESS TO RESP FAILURE. GASPING, COUGH & CHOKING ARE PRESUMPTIVE

Name: ING 21: EVID OF ASPIR. SUGGEST ALL PATIENTS SUSPECTED OF HYDROCARB ASPIR HAVE BASE LINE CHEST X-RAY. CONSIDER

Name: ING 22: IMMED HOSPITALIZATION FOR ASYMPTOMATIC CHILDREN W/ABNORM CHEST X-RAY, OBTUNDED OR HYPOXIC PATIENTS,

Name: ING 23: INTENTIONAL/MASSIVE INGESTS & PATIENTS W/ABNORM CHEST X-RAYS W/CLINICALLY SIGNIFICANT PULM DISEASE. GI

Name: ING 24: SYMPS ARE USUALLY MINOR & PATHOLOGICAL CHGS OF LIVER & KIDNEY REPORTED UNCOMMON IN ACUTE INTOXICATIONS.

Health Hazards Data

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: INGEST: ASPIR INTO LUNGS MAY CAUSE PNEUMIT. MAY CAUSE GI DISTURBS. SYMPS INCL IRRIT, NAUS, VOMIT & DIARR. MAY CAUSE HARMFUL CNS EFTS; MAY INCL EXCITATION, EUPHORIA, HDCH, DIZZ, DROW, BLURRED VISION, FATG, TREMORS, CONVLS, UNCON, COMA, RESP A RREST & DEATH. SKIN: SLIGHT IRRIT. RPTD/PRLNGD CNTCT MAY CAUSE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: GASOLINE: IARC MONO, VOL 45, PG 159, 1989: GROUP 2B. BENZENE: IARC MONO, VOL 7, PG 120, 1987: GROUP 1. NTP 7TH

Signs And Symptions Of Overexposure: HLTH HAZ: DEFAT, REDNESS, ITCH, INFLAM, CRACKING & POSS BURNS & SECONDARY INFECTION. HIGH PRESS SKIN INJECTIONS ARE SERIOUS MED EMERS. INJURY MAY NOT APPEAR SERIOUS AT FIRST; W/IN FEW HRS, TISS BECOMES SWOLLEN, DISCOLORED & EXTREMELY PAINFU L. EYES: MAY CAUSE IRRIT, REDNESS, PAIN, BLURRED VISION, LACRIM & CONJ.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INGEST: DO NOT INDUCE VOMIT; ASPIR DANGER. GET IMMED MED ATTN. IF

SPONT VOMIT OCCURS, MONITOR FOR BRTHG DFCLTY. SKIN: REMOVE CONTAMD CLTHG  
IMMED. WASH AREA W/SOAP & WATER. GET MED ATTN IF IRRIT PERSISTS. HIGH  
PRESS SKIN INJECTIONS REQ IMMED M ED CARE. EYES: FLUSH IMMED W/LG AMTS OF  
WATER FOR AT LST 15 MN. HOLD LIDS AWAY FROM EYEBALL. GET MED ATTN IF IRRIT  
RSLTS. INHAL: REMOVE FROM EXPOS. IF

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Handling and Disposal  
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Spill Release Procedures: SHUT OFF IGNIT SOURCE. STOP LEAK IF W/OUT RISK. WATER  
SPRAY MAY REDUCE VAP BUT MAY NOT PVNT IGNIT IN CLSD SPACES. SM SPILL: TAKE UP  
W/NONCOMBUST ABSORB & PLACE INTO CNTNRS. LG SPILL: DIKE FAR AHEAD OF LIQ  
SPILL. CNTCT NEHC FOR MORE INFO (FP N ).

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CHECK 40 CFR 261 TO DETERMINE WHETHER THIS SUBSTANCE IS  
HAZARDOUS WASTE. TRANSPORTATION, STORAGE, TREATMENT & DISPOSAL OF THIS  
WASTE MATERIAL MUST BE CONDUCTED IN COMPLIANCE W/ALL APPLIC FEDERAL, STATE  
& LOCAL REGS. FOR MORE INFO CNTCT NEHC (FP N).

Handling And Storage Precautions: STORE ONLY IN APPRVD, CLEARLY LABELED CNTNRS  
(NEVER IN GLASS/UNAPPRVD PLASTIC CNTNRS); TIGHTLY CLSD IN COOL, DRY,  
ISOLATED, WELL-VENTD AREA.

Other Precautions: DO NOT SIPHON PROD BY MOUTH. USE ONLY AS MOTOR FUEL; NOTFOR  
CLEANING, PRESS APPLIANCE FUEL/ANY OTHER USE. KEEP OUT OF REACH OFCHILDREN.  
EMPTY CNTNRS MAY CNTN TOX, FLAM, COMBUST, EXPLO RESIDUE/VAPS. CONTACT NEHC FOR  
MORE INFO (FP N).

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash Point Text: -35F, -37C

Lower Limits: 1.4%

Upper Limits: 7.6%

Extinguishing Media: USE DRY CHEMICAL, ALCOHOL FOAM, ALL PURPOSE AFFF OR CARBON  
DIOXIDE TO EXTINGUISH FIRE.

Fire Fighting Procedures: USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N).  
WATER MAY BE INEFTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOS CNTNRS,  
STRUCTURES & TO PROTECT PERS. IF (SUPDAT)

Unusual Fire/Explosion Hazard: DANGEROUS WHEN EXPOS TO HEAT/FLAME. VAPS FORM  
FLAM/EXPLO MIXS W/AIR AT ROOM TEMP. VAP/GAS MAY SPREAD TO DISTANT IGNIT  
SOURCE & FLASH BACK. VAPS MAY CONC(SUPDAT)

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Control Measures  
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Respiratory Protection: IF EXPOS LIMS ARE EXCEEDED OR IRRIT IS EXPERIENCED,  
NIOSH APPRVD RESP PROT SHOULD BE WORN. VENT & OTHER FORMS OF ENGINEERING  
CTS ARE OFTEN PREF MEANS FOR CONTROLLING CHEM EXPOS. RESP PROT MAY BE NEEDED  
FOR NON-ROUTINE OR EMER SITUATIONS.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).  
AVOID SKIN CONTACT. WEAR PROT CLTHG. DO NOT WEAR CNTCT LENSES.

Work Hygienic Practices: WASH HANDS IF IN CNTCT W/MATL. USE GOOD PERSONAL  
HYGIENE. WEAR REGULARLY CLEANED WORK CLTHG. SHOWER & CHANGE AFTER WORK.

Supplemental Safety and Health: FIRE FIGHT PROC: LEAK/SPILL HAS NOT IGNITED,  
VENT AREA & USE WATER SPRAY TO DISPERSE GAS/VAP & PROTECT PERS. USE  
WATER TO DULUTE SPILLS & FLUSH THEM AWAY FROM IGNIT SOURCE. DO NOT FLUSH  
DOWN PUBLIC SEWERS/OTHER DRAIN SYS. EXPLO HAZ: IN CONF INED AREAS. RUNOFF TO  
SEWER MAY CAUSE FIRE/EXPLO HAZ. CNTNRS MAY

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Physical/Chemical Properties  
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B. P. Text: >80F, >27C

Vapor Pres: 760 @ 100F

Vapor Density: 1.2

Spec Gravity: 0.72-0.74

Evaporation Rate & Reference: >1 (H\*20=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR LIQUID WITH A STRONG HYDROCARBON ODOR.

Percent Volatiles by Volume: 100  
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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: STABLE UNDER CONDITIONS OF NORMAL USE.

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZERS.

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON MONOXIDE,  
CARBON DIOXIDE AND REACTIVE HYDROCARBONS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT  
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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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HAZCOM Label  
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Product ID: GASOLINE, BP REGULAR UNLEADED  
Cage: OD3L4  
Company Name: BP OIL CO  
Street: 200 PUBLIC SQ  
City: CLEVELAND OH  
Zipcode: 44114-2375  
Health Emergency Phone: 800-424-9300(CHEMTREC)  
Label Required IND: Y  
Date Of Label Review: 02/03/1998  
Status Code: C  
Label Date: 02/03/1998  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE. ACUTE: INGEST: ASPIRATION INTO LUNGS MAY CAUSE PNEUMIT. MAY CAUSE GI DISTURBS. SYMPTOMS INCL IRRIT, NAUSEA, VOMIT & DIARR. MAY CAUSE HARMFUL CNS EFTS; MAY INCL EXCITATION, EUPHORIA, HEADACHE, DIZZ, DROW, BLURRED VISION, FATIGUE, TREMORS, CONVLS, UNCON, COMA, RESP ARREST & DEATH. SKIN: SLIGHT IRRIT. EYES: SLIGHT IRRIT. MAY CAUSE REDNESS, PAIN, BLURRED VISION, LACRIMATION & CONJ. INHAL: MAY CAUSE RESP TRACT IRRIT, CNS DEPRESSION & IRREGULAR HEART RHYTHM CHRONIC: CAN CER HAZARD. GASOLINE IS LISTED AS AN ANIMAL LUNG CARCINOGEN. CONTAINS BENZENE WHICH IS LISTED AS A HUMAN LUNG CARCINOGEN (FP N). MAY ADVERSELY EFFECT LIVER & KIDNEY.

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