

## **AMOCO REGULAR LEAD-FREE GASOLINE**

### **MSDS Number**

BVHJH

### **National Stock Number**

9130-01-208-4172

### **Product Name**

AMOCO REGULAR LEAD-FREE GASOLINE

### **Manufacturer**

AMOCO OIL COMPANY

### **Product Identification**

Product ID:AMOCO REGULAR LEAD-FREE GASOLINE

MSDS Date:09/24/1993

FSC:9130

NIIN:01-208-4172

MSDS Number: BVHJH

### **Responsible Party**

AMOCO OIL COMPANY

200 EAST RANDOLPH DRIVE

CHICAGO , IL 60601

US

Emergency Phone: 800-447-8735 (HEALTH)

Info Phone: 312-856-3907

Preparer: DONALD M. BARKER, DIR

Cage: 15958

### **Contractor**

AMOCO OIL CO

CHICAGO, IL 60601-6401

US

800 447-8735

Cage: 15958

### **Ingredients**

GASOLINE

CAS: 8006-61-9

RTECS: LX3300000

Fraction By Weight: N/GIVEN

OSHA PEL300 PPM

ACGIH TLV: 300 PPM/500STEL;9394

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight: 4%

OSHA PELSEE 1910.1028

ACGIH TLV: 10 PPM; A2; 9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 2.08%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/125STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 22%

OSHA PEL200 PPM; Z-2

ACGIH TLV: S, 50 PPM; 9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CYCLOHEXANE (SARA III)

CAS: 110-82-7

RTECS: GU6300000

Fraction By Weight: 5%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM, 9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 10%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/150STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYL TERT-BUTYL ETHER (SARA III)

CAS: 1634-04-4

RTECS: KN5250000

Fraction By Weight: 15%

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

BUTANE

CAS: 106-97-8

RTECS: EJ4200000

Fraction By Weight: N/GIVEN

OSHA PEL800 PPM

ACGIH TLV: 800 PPM; 9394

N-HEPTANE

CAS: 142-82-5

RTECS: MI7700000

Fraction By Weight: N/GIVEN

OSHA PEL500 PPM

ACGIH TLV: 400 PPM/500STEL;9394

HEXANE (N-HEXANE)

CAS: 110-54-3

RTECS: MN9275000

Fraction By Weight: N/GIVEN

OSHA PEL500 PPM

ACGIH TLV: 50 PPM; 9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PENTANE

CAS: 109-66-0

RTECS: RZ9450000

Fraction By Weight: N/GIVEN

OSHA PEL1000 PPM

ACGIH TLV: 600 PPM/750STEL;9394

TRIMETHYL BENZENE (SARA III)

CAS: 25551-13-7

RTECS: DC3220000

Fraction By Weight: N/GIVEN

OSHA PEL25 PPM

ACGIH TLV: 25 PPM; 9394

## Hazards

LD50 LC50 Mixture:LD50 (ORAL, RATS) = 18.8ML/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:EYE:HIGH CONCEN OF VAP/MIST MAY CAUSE DISCOMFORT. SKIN:PRLONG/REPEAT CONTACT CAN DEFAT & LEAD TO IRRIT &/OR DERM. INHAL:VAPOUR HARMFUL. HIGH VAP CONCEN CAN CAUSE HEADACHES, DIZZINESS, DROWSINESS, NAUS EA. INGEST:LOW VISCOSITY PRODUCT. HARMFUL/FATAL IF ASPIRATED INTO LUNGS CAUSING CHEM PNEUMONIA/FATAL.  
Explanation of Carcinogenicity:CONTAINS BENZENE WHICH IS KNOWN TO CAUSE CANCER.  
Effects of Overexposure:MAY PRODUCE HEADACHES, DIZZ, NAU, DROWSINESS, IRRIT OF EYE/NOSE/THROAT/CNS DEPRESSION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

## First Aid

First Aid:EYE:FLUSH W/PLENTY OF WATER. GET MED ATTN IF IRRIT PERSISTS. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMIN CLOTHING/SHOES. GET MED ATTN IF IRRIT DEVELOPS. INHAL:REMOVE TO UNCONTAMINATED AREA. GIVE ARTIFIC IAL RESP IF NOT BREATHING. GET MED ATTN. INGEST:DO NOT INDUCE VOMIT. GET IMMED MED ATTN.

## Fire Fighting

Flash Point:-45F,-43C  
Autoignition Temp:Autoignition Temp Text:495F  
Lower Limits:1.3  
Upper Limits:7.6  
Extinguishing Media:AGENTS APPROVED FOR CLASS B HAZARDS (E.G. DRY CHEMICAL, CARBON DIOXIDE, HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.  
Fire Fighting Procedures:NONE SPECIFIED BY MFG. HOWEVER WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE EQPMT IF SITUATION WARRENTS.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMM VAP/AIR MIXTURES FORM. EXTINGUISHMENT OF FIRE BEFORE SURCE OF VAP IS SHUT OFF CAN CREATE AN EXPLOSIVE MIXTURE IN AIR.

## Accidental Release

Spill Release Procedures:REMOVE/SHUT OFF ALL IGN SOURCES.USE WATER SPRAY TO DISPERSE VAP.INCREASE VENTILATION IF POSSIBLE.CONTAIN ON ABSORBENT MATL(SAND/SAWDUST/DIRT/CLAY).KEEP OUT OF SEWERS & WATERWAYS.REPORT SPILLS TO APPRO PRIATE AUTHORITIES.  
Neutralizing Agent:NONE SPECIFIED BY MFG.

## Handling

Handling and Storage Precautions:STORE IN FLAMM LIQ STORAGE AREA. KEEP CNTNR CLOSED. STORE AWAY FROM HEAT/ING SOURCES/OPEN FLAME IAW APPLICABLE FED/STATE/LOC REGS.  
Other Precautions:KEEP AWAY FROM IGNITION SOURCES. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION. ABOID BREATHING VAPOR &/OR MIST. USE AS MOTOR FUEL ONLY. AVOID STRONG OXIDIZERS.

## Exposure Controls

Respiratory Protection:IF VENTILATION IS INADEQUATE USE NIOSH/MSHA CERTIFIED RESP WHICH WILL PROTECT AGAINST ORGANIC VAP/MIST.  
Ventilation:USE WITH ADEQUATE VENTILATION.  
Protective Gloves:RECOMMENDED-PVC.  
Eye Protection:RECOMMENDED-SAFETY GLASSES/GOGGLES.  
Other Protective Equipment:WEAR PROTECTIVE CLOTHING IF PRLONGED/REPEATED CONTACT IS LIKELY.  
Work Hygienic Practices:THOROUGHLY CLEAN/DRY CONTAMIN CLOTHING BEFORE REUSE. WASH HANDS AFTER HANDLING & BEFORE EAT/SMOKE/DRINK.  
Supplemental Safety and Health  
LONG-TERM INHAL STUDY OF WHOLE UNLEADED GASOLINE VAP EXPOSURE-RELATED KIDNEY DAMAGE/TUMORS WERE OBSERVED IN MALE RATS & NOT SEEN IN FEMALES.CHRONIC EXPOSURE TO BENZENE CAUSES LEUKEMIA IN HUMAND & OTHE R ADVERSE BLOOD EFFECTS (ANEMIA).

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## Chemical Properties

HCC:F2  
Boiling Pt:B.P. Text:80.0F,26.7C  
Vapor Pres:7-15LBS  
Vapor Density:3-4  
Spec Gravity:0.75  
Solubility in Water:NEGLIGIBLE, Appearance and Odor:CLEAR, BRIGHT LIQUID, CHARACTERISTIC ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
AVOID CHLORINE, FLUORINE AND OTHER STRONG OXIDIZERS.  
Stability Condition to Avoid:BURNING CAN BE STARTED EASILY. KEEP AWAY FROM IGNITION SOURCES (D.G. HEAT/SPARKS/OPEN FLAMES).  
Hazardous Decomposition Products:BURNING CAN PRODUCE CARBON MONOXIDE &/OR CARBON DIOXIDE AND OTHER HARMFUL PRODUCTS.

## Disposal

Waste Disposal Methods:RESIDUES/SPILLED MATL ARE HAZ WASTE DUE TO IGNITABILITY. DISPOSAL MUST BE IAW APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. ENCLOSED-CONTROLLED INCINERATION IS RECOMMENDED UNLESS DIRECTED OTHERWISE BY APPLICABLE ORDINANCES.

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