

REGULAR UNLEADED GASOLINE

MSDS Number

BBBTR

National Stock Number

9150-00B190005

Product Name

REGULAR UNLEADED GASOLINE

Manufacturer

SHELL OIL COMPANY

Product Identification

Product ID:REGULAR UNLEADED GASOLINE

MSDS Date:10/11/1985

FSC:9150

NIIN:00B190005

MSDS Number: BBBTR

Responsible Party

SHELL OIL COMPANY

HOUSTON , TX 77210

US

Cage: 54527

Contractor

SHELL OIL COMPANY

2463

HOUSTON, TX 77210

US

800-231-6950

Cage: 54527

Ingredients

ALKANES,CYCLOALKANES,ALKANES AND AROMATIC HYDROCARBONS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 0-25.0%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

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: 0-25.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight: 0.5-2.5%

OSHA PEL1PPM/5STEL;1910.1028

ACGIH TLV: 10 PPM; A2; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYE CONTACT:MODERATELY IRRITATING TO THE EYES.SKIN CONTACT:PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN RESULTING IN SKIN IRRITATION AND DERMATITIS.INHALATION:MAY CAUSE IRRITATION TO THE NOSE,THROAT AND RESPIRATORY TRACT.MAY PRODUCE KIDNEY & LIVER DAMAGE.HARMFUL OR FATAL IF SWALLOWED

Effects of Overexposure:EARLY TO MODERATE CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY GIDDINESS,HEADACHE,DIZZINESS AND NAUSEA;IN EXTREME CASES,UNCONSCIOUSNESS AND DEATH MAY OCCUR.ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING,LABORED BREATHING AND CYANOSIS.KIDNEY&LIVER DAMAGE MAY OCCUR,CHANGES IN URINE,JAUNDICE,PAIN IN ABDOMEN.

Medical Cond Aggravated by Exposure:EYE,SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.PREEXISTING LIVER AND KIDNEY DISORDERS MAY ALSO BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid

First Aid:EYE CONTACT:FLUSH WITH WATER FOR 15 MIN WHILE HOLDING EYELIDS OPEN.GET MEDICAL ATTENTION.INHALATION:REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT.GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.GET MEDICAL ATTEN.INGESTION:DO NOT INDUCE VOMITING.IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC

Flash Point:-40

Lower Limits:1.3

Upper Limits:7.6

Extinguishing Media:WATER FOG,FOAM,DRY CHEMICAL OR CO2.DO NOT USE DIRECT STREAM OF WATER.PRODUCT FLOATS,CAN BE REIGNITED ON SURFACE WATER.

Fire Fighting Procedures:EXTREMELY FLAMMABLE,DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR INCLUDING POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR.DO NOT WELD,HEAT OR DRILL ON OR NEAR CONTAINER.IF EMERGENCY SITUATIONS REQUIRE DRILLING,ONLY TRAINED EMER.PERSONNEL SHOULD DRILL.

Accidental Release

Spill Release Procedures:DANGER.EXTREMELY FLAMMABLE.ELIMINATE ALL IGNITION SOURCES,HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.LARGE SPILLS:ISOLATE HAZARD AREA.SHUT OFF SOURCE OF

LEAK,DIKE AND CONTAIN.SOAK UP WITH ABSORBENT SUCH AS SAND OR CLAY.FLUSH WITH WATER.

Handling

Handling and Storage Precautions:ALL HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.

Other Precautions:COOL FIRE EXPOSED CONTAINERS WITH WATER.KEEP OUT OF SURFACE WATERS AND ANY WATER COURSES OR SEWERS ENTERING OR LEADING TO SURFACE WATERS.DO NOT USE AS A CLEANING SOLVENT OR FOR OTHER NON-MOTOR FUEL US ES.

Exposure Controls

Respiratory Protection:UNDER CONDITIONS OF POTENTIAL HIGH EXPOSURE,THE USE OF A NIOSH-APPROVED RESPIRATOR IS RECOMMENDED.PER 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR OR GANIC VAPORS.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:EYE PROTECTION IS REQUIRED.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

IT HAS BEEN REPORTED THAT CHRONIC INHALATION EXPOSURE TO AN UNLEADED MOTOR GASOLINE,WHICH WAS FULLY VAPORIZED,HAS PRODUCED KIDNEY AND LIVER CANCERS IN SOME LABORATORY RODENTS.THE STUDIES WERE SPONSORED BY THE AMERICAN PETROLEUM INSTITUTE.SHELL UNLEADED GASOLINE HAS NOT BEEN EVALUATED IN THIS TYPE OF ANIMAL TEST.

Chemical Properties

Boiling Pt:B.P. Text:100-425 APP

Vapor Pres:7-14.5

Vapor Density:3.5

Spec Gravity:0.72-0.76

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BRONZE COLOR;CLEAR AND BRIGHT LIQUID,HYDROCARBON ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

AVOID HEAT,SPARKS,OPEN FLAMES AND STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:PREVENT VAPOR ACCUMULATION.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS CAN BE FORMED UPON COMBUSTION.

Disposal

Waste Disposal Methods:THIS MATERIAL IS A PRODUCT NOT A WASTE.IF DISCARDED AS IS,IT IS A LIQUID IGNITABLE HAZARDOUS WASTE AS DEFINED IN RCRA.PRODUCT RECOVERY AND RECYCLING ARE RECOMMENDED.

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