

1-K KEROSENE

MSDS Number

BNCBW

National Stock Number

9140-00-273-2394

Product Name

1-K KEROSENE

Manufacturer

MARATHON PETROLEUM CO

Product Identification

Product ID:1-K KEROSENE

MSDS Date:05/16/1990

FSC:9140

NIIN:00-273-2394

MSDS Number: BNCBW

Responsible Party

MARATHON PETROLEUM CO

539 S MAIN ST

FINDLAY , OH 45840-3229

US

Emergency Phone: 419-422-2121/800-424-9300(CHEMTREC)

Info Phone: 419-422-2121

Cage: IO115

Contractor

MARATHON PETROLEUM CO

FINDLAY, OH 45840

US

419-422-2121

Cage: IO115

Ingredients

KEROSENE

CAS: 8008-20-6

RTECS: OA5500000

Fraction By Weight: MIXTURE

OSHA PEL100 PPM

ACGIH TLV: 100 PPM 9091

PARAFFINS & CYCLOPARAFFINS

Fraction By Weight: 70-80%

OLEFINS

Fraction By Weight: 3-6%

AROMATIC HYDROCARBONS

Fraction By Weight: 17-25%

OSHA PEL2000 MG/M3 (PER MFR)

Hazards

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE-LITTLE OR NO IRRITATION ON DIRECT CONTACT. SKIN-MAY PRODUCE SEVERE IRRITATION OR DERMATITIS.

INGESTION-ASPIRATION OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES IN THE LUNGS CAN PRODUCE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRAGE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:SKIN-PROLONGED OR REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN. INHALATION-HIGH VAPOR CONCENTRATIONS MAY PRODUCE HEADACHE, GIDDINESS, VERTIGO AND ANESTHETIC STUPOR.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION OCCUR, CALL A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CALL A PHYSICIAN. INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION, IF NOT BREATHING. CALL A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE LIQUIDS. IMMEDIATELY CALL A PHYSICIAN.

Fire Fighting

Flash Point:120F,49C

Lower Limits:0.7%

Upper Limits:5.0%

Extinguishing Media:CLASS B FIRE EXTINGUISHING MEDIA SUCH AS FOAM, CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTING SHOULD BE ATTEMPTED ONLY BY THOSE WHO ARE ADEQUATELY TRAINED. WATER CAN BE USED TO COOL EXPOSED SURFACES.

Unusual Fire/Explosion Hazard:AVOID USE OF SOLID WATER STREAMS. AVOID EXCESSIVE WATER SPRAY APPLICATION.

Accidental Release

Spill Release Procedures:KEEP PUBLIC AWAY. SHUT OFF SOURCE. ELIMINATE IGNITION SOURCES. ADVISE NRC (800-424-8802) FOR WATER SPILL. CONTAIN LIQUID WITH SAND OR SOIL. RECOVER & RETURN FREE LIQUID TO SOURCE. USE SUITABLE SORBENT TO CLEAN UP RESIDUAL LIQUIDS.

Handling

Handling and Storage Precautions:PRODUCT SHOULD BE HANDLED & STORED IN ACCORDANCE WITH INDUSTRY ACCEPTED PRACTICES. IN THE ABSENCE OF LOCAL CODES REQUIREMENTS, USE NFPA OR OSHA CODES.

Other Precautions:USE APPROPRIATE GROUNDING AND BONDING PRACTICES. STORE IN PROPERLY CLOSED CONTAINERS THAT ARE PROPERLY LABELED. DO NOT EXPOSE TO HEAT, OPEN FLAME, STRONG OXIDIZERS OR OTHER IGNITION SOURCES. AVOID SKIN CONTACT.

Exposure Controls

Respiratory Protection:APPROVED ORGANIC CHEMICAL CARTRIDGE OR SUPPLIED AIR RESPIRATOR SHOULD BE WORN WHEN EXCESSIVE VAPORS OR MISTS ARE GENERATED. OBSERVE RESPIRATOR PROTECTION FACTOR CRITERIA CITED IN ANSI Z88.2 1980. SCBA SHOULD BE USED FOR FIRE FIGHTING.

Ventilation:LOCAL OR GENERAL EXHAUST REQUIRED WHEN SPRAYING OR USING AT ELEVATED TEMPERATURES.

Protective Gloves:NEOPRENE, NITRILE OR PVC GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES
Other Protective Equipment:USE MECHANICAL VENTILATION EQUIPMENT THAT IS EXPLOSION-PROOF.
Work Hygienic Practices:EXERCISE GOOD PERSONAL HYGIENE INCLUDING REMOVAL OF SOILED CLOTHING AND PROMPT WASHING WITH SOAP AND WATER.
Supplemental Safety and Health
WARNING! COMBUSTIBLE LIQUID. HARMFUL OR FATAL IF SWALLOWED. PRODUCES SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:350F,177C
Vapor Pres:1-10 MMHG
Vapor Density:4-5 AIR=1
Spec Gravity:0.8
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR OR AMBER LIQUID. FUEL OIL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:THIS MATERIAL IS STABLE AT 70F. 760 MM PRESSURE.
Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES, AROMATICS, OTHER HYDROCARBONS.

Disposal

Waste Disposal Methods:DISPOSE OF CLEANUP MATERIAL IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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