

## **KEROSENE**

### **MSDS Number**

BNBRN

### **National Stock Number**

9130-00-359-2026

### **Product Name**

KEROSENE

### **Manufacturer**

PENNZOIL CO

### **Product Identification**

Product ID:KEROSENE  
MSDS Date:10/21/1988  
FSC:9130  
NIIN:00-359-2026  
MSDS Number: BNBRN

### **Responsible Party**

PENNZOIL CO  
700 MILIAM PENNZOIL PL  
HOUSTON , TX 77252  
US  
Emergency Phone: 713-546-4000  
Info Phone: 713-546-4000  
Cage: 01326

### **Contractor**

PENNZOIL CO  
2967  
HOUSTON, TX 77252-2967  
US  
800-546-6227  
Cage: 01326

### **Ingredients**

KEROSENE  
CAS: 8008-20-6  
RTECS: OA5500000  
Fraction By Weight: 100% %  
OSHA PEL100 PPM  
ACGIH TLV: 100 PPM 9091

### **Hazards**

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SLIGHT EYE IRRITATION, MODERATE SKIN IRRITATION, DERMATITIS, THROAT/LUNG IRRITATION, NERVOUS SYSTEM DISORDERS, ASPIRATION HAZARD, GASSTROINTESTINAL DISCOMFORT.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:SKIN/EYE IRRITATION, DERMATITIS, DRYNESS OF THE SKIN, CHAPPING AND REDDENING, THROAT/LUNG IRRITATION, DROWSINESS, DULLNESS, NUMBNESS AND HEADACHE, LOSS OF CONSCIOUSNESS, CONVULSIONS, DEATH, INCREASED RESPIRATION RATE, INCREASED HEART RATE,BLUIISH DISCOLORATION OF THE SKIN, COUGHING, CHOKING AND GAGING, VOMITING

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS AND/OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY OVEREXPOSURE.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED AREA WITH SOAP AND WATER. FOR SKIN/EYES, IF IRRITATION OCCURS, SEEK MEDIC AL ATTENTION. INHALATION: REMOVE VICTIMFROM EXPOSURE. IF BREATHING HAS STOPPED OR IS IRREGULAR, ADMINISTER ARTIFICIAL RESPIRATION. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:TCC

Flash Point:150F,66C

Autoignition Temp:Autoignition Temp Text:490F

Lower Limits:1.1 %

Upper Limits:6.0 %

Extinguishing Media:USE DRY CHEMICAL, FOAM OR CARBON DIOXIDE

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME.

Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

## Accidental Release

Spill Release Procedures:NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION DURING CLEANUP. ABSO RB WITH SOLVENT ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OPEN FLAMES OR OXIDIZING MATERIALS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NOT NORMALLY REQUIRED. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, USE AN ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DO NO T USE COMPRESSED OXYGEN.

Ventilation:ADEQUATE VENTIALTION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW PELS

Protective Gloves:IMPERVIOUS, SYNTHETIC RUBBER

Eye Protection:FACE SHIELD, SPLASH-PROOF GOGGLES

Other Protective Equipment:IMPEVIOUS BOOTS, APRONS, EMERGENCY EYEWASH, SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT.

## Chemical Properties

HCC:V4

Boiling Pt:B.P. Text:370F,188C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:1 MM HG

Vapor Density:4 - 5  
Spec Gravity:0.81  
Evaporation Rate & Reference:< 2 (EE = 1)  
Solubility in Water:NIL  
Appearance and Odor:CLEAR OILY LIQUID, PETROLEUM HYDROCARBON ODOR  
Percent Volatiles by Volume:100 %

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OTHER  
OXIDES

## Disposal

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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