

PENNZOIL CO -- KEROSENE -- 9130-00-359-2026

===== Product Identification =====

Product ID:KEROSENE

MSDS Date:10/21/1988

FSC:9130

NIIN:00-359-2026

MSDS Number: BNBRN

=== Responsible Party ===

Company Name:PENNZOIL CO

Address:700 MILIAM PENNZOIL PL

Box:2967

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone Num:713-546-4000

Emergency Phone Num:713-546-4000

CAGE:01326

=== Contractor Identification ===

Company Name:PENNZOIL CO

Address:700 MILIAM PENNZOIL PL

Box

:2967

City:HOUSTON

State:TX

ZIP:77252-2967

Country:US

Phone:800-546-6227

CAGE:01326

===== Composition/Information on Ingredients =====

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM 9091

===== Hazards Identification =====

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

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

Reports of Carcinoge

nicity: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,BLUISH 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 Measures =====

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 M

INUTES. 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 Measures =====

Flash Point Method:TCC

Flash Point:150F,66C

Autoignition Temp:Autoignition Temp Tex
t: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 Measures =====

Spill Release Procedures:NOTIFY AP

PROPRIATE 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. ABSORB WITH SOLVENT ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

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/Personal Protection =====

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 NOT USE COMPRESSED OXYGEN.

Ventilation:ADEQUATE VENTILATION 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:IMPERVIOUS 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.

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===== Physical/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 and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

S

tability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OTHER
OXIDES

===== Disposal Considerations =====

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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