

CALTEX OIL PRODUCTS -- FUEL OIL 180 -- 9140-01-271-5280

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

Product ID:FUEL OIL 180

MSDS Date:06/26/1992

FSC:9140

NIIN:01-271-5280

MSDS Number: BRTHX

=== Responsible Party ===

Company Name:CALTEX OIL PRODUCTS

Address:125 E JOHN W CARPENTER FWY

City:IRVING

State:TX

ZIP:75062-2709

Country:US

CAGE:9Z041

=== Contractor Identification ===

Company Name:CALTEX OIL PRODUCTS

Address:125 E JOHN W CARPENTER FWY

Box:City:IRVING

State:TX

ZIP:75062-2709

Country:US

CAGE:9Z041

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

Ingred Name:ATMOSPHERIC TOWER PETROLEUM RESIDUES

CAS:68476-33-5

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic

:EYE-MINOR EYE IRRITATION. ORAL-NOT

EXPECTED TO BE ACUTELY TOXIC BY INGESTION. INHALATION-CONTAINS OR  
MAY RELEASE HYDROGEN SULFIDE GAS. SKIN-PROLONGED OR FREQUENT  
CONTACT MAY CAUSE SKIN IRRITATION OR MAY CAUSE THE SKIN TO BECOME  
CRACKED OR DRY FROM THE DEFATTING ACTION OF THIS MATERIAL.

Explanation of Carcinogenicity:MIDDLE DISTILLATE HAS CAUSED SKIN CANCER  
IN LABORATORY ANIMALS.

Effects of Overexposure:ORAL-IF MORE THAN SEVERAL MOUTHFULS ARE  
SWALLOWED, ABDOMINAL DISCOMF

ORT, NAUSEA AND DIARRHEA MAY OCCUR.

INHALATION-MAY CAUSE DIZZINESS, IRRITATION OF EYES, NOSE & THROAT,  
VOMITING & CENTRAL NERVOUS SY STEM EFFECTS UPON INHALATION.

CONVULSIONS, SEIZURES & SUDDEN LOSS OF CONSCIOUSNESS, COMA & DEATH  
ARE POSSIBLE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES-FLUSH IMMEDIATELY WITH FRESH WATER FOR SEVERAL MINUTES  
WITH EYELIDS OPEN. ORAL-IF

CONSCIOUS, GIVE WATER OR MILK TO DRINK &

CALL FOR MEDICAL ADVICE. DO NOT MAKE VOMIT UNLESS DIRECTED TO DO SO  
BY M EDICAL PERSONNEL. INHALATION-MOVE PERSON TO FRESH AIR. IF STOP  
BREATHING, APPLY ARTIFICIAL RESPIRATION. CALL DOCTOR. SKIN-WASH  
THOROUGHLY WITH SOAP & WATER. SEE DOCTOR FOR SYMPTOMS.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:>140F,>60C

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON  
D

IOXIDE. WATER OR FOAM MAY CAUSR FROTHING.

Fire Fighting Procedures:USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:IF A LEAK OR SPILL HAS NOT IGNITED, USE  
WATER SPRAY TO DISPERSE THE VAPORS AND TO PROVIDE PROTECTION FOR  
PERSONS ATTEMPTING TO STOP LEAK.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

AVOID BREATHING VAPOUR. FOR LIQUIDS, CONTAIN SPILL IF POSSIBLE.

REM

OVE WITH INERT ABSORENT. USE RESPIRATOR AND PROTECTIVE CLOTHING.

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURES  
SHOULD BE MAINTAINED. EXPOSURE TO HIGH TEMPERATURES SHOULD BE  
MINIMIZED. WATER CONTAMINATIONS SHOULD BE AVOIDED

Other Precautions:TOXIC QUANTITIES OF HYDROGEN SULFIDE MAY BE PRESENT  
IN STORGAE TANKS AND BULK TRANSPORT VESSELS WHICH CONTAIN OR HAVE  
CONTAINED THIS MATERIAL.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF OPEATING CONDITIONS CREATE CONCENTRATIONS WHICH EXCEED EXPOSURE STANDARDS, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD.

Protective Gloves:IMPERVIOUS PROTECTIVE GLOVES.

Eye Protection:CHEMICAL TYPE GOGGOLES/FACE SHIELD.

Other Protective Equipment:PROTECTIVE CLOTHIN

G MADE FROM NEOPRENE,

NITRILE, OR N-BUTYL RUBBER IS SUITABLE IN THESE APPLICATIONS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:V4

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:HYDROGEN SULFIDE

MAY BE RELEASED WHEB

HEATED.

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

Waste Disposal Methods:IT IS THE RESPONSIBILTY OF THE USER OF THIS PRODUCT TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT MEETS CRITERIA FOR HAZARDOUS WASTE. PRODUCT USES, TRANSFORMATIONS, IXTURES & PROCESSES MAY RE NDER THE RESULTING MATERIAL HAZARDOUS.

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