

TOTAL PETROLEUM INC -- NO. 1 DISTILLATE (NO. 1 DIESEL FUEL/NO. 1 F -- 9140-00-286-5289  
===== Product Identification =====

Product ID:NO. 1 DISTILLATE (NO. 1 DIESEL FUEL/NO. 1 F

MSDS Date:01/22/1992

FSC:9140

NIIN:00-286-5289

MSDS Number: BPBWQ

=== Responsible Party ===

Company Name:TOTAL PETROLEUM INC

Address:E SUPERIOR STREET

City:ALMA

State:MI

ZIP:48802

Country:US

Info Phone Num:517-463-1164

Eme

rgency Phone Num:517-463-1164, CHEMTREC 800-424-9300

Preparer's Name:M.N.MARTIN

CAGE:6G102

=== Contractor Identification ===

Company Name:SAPP BROTHERS PETROLEUM INC.

Address:9915 S 148TH STREET

Box:37305

City:OMAHA

State:NE

ZIP:68137-0305

Country:US

Phone:402-895-2202

CAGE:8W373

Company Name:TOTAL PETROLEUM INC

Address:EAST SUPERIOR STREET

Box:City:ALMA

State:MI

ZIP:48801

Country:US

Phone:517-463-1164

CAGE:6G102

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

Ingred Name:

PETROLEUM MID-DISTILLATE

CAS:68476-34-6

Fraction by Wt: >99%

Other REC Limits:100 MG/M3

Ingrid Name:BENZENE (SARA III); >100 PPM (TRACE LEVELS) BENZENE PER  
API WASH AND MAJOR FORMULATORS. BUT NOT LISTED IN THE MSDS'S

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.01%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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===== 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:ACUTE-CENTRAL AND PERIPHERAL NERVOUS  
SYSTEM DPRESSION, NARCOSIS, ASPHYXIATION, G/I DISTURBANCES, AND  
EYE/SKIN IRRITATION. CHRONIC\*DERMATITIS, PNEUMONITIS, PULMONARY  
EDEMA, KIDNEY DAMAGE. STUDIES HAV E SHOWN PETROLEUM DISTILLATES TO  
HAVE CAUSED KIDNEY DAMAGE AND KIDNEY/LIVER TUMORS.

Explanation of Carcinogenicity:MFR CLAIMS NON-CARCINOGENICITY BUT CITES  
A MOUSD

SKIN PAINTING STUDY THAT FOUND SIMILAR DISTILLATES CAUSING  
SKIN CANCER.

Effects of Overexposure:HEADACHE, DROWSINESS. EYE IRRITATION, SKIN  
IRRITATION, RESPIRATORY IRRITATION, NAUSEA, NUMBNESS

Medical Cond Aggravated by Exposure:IMPARED PULMONARY ESPECIALLY THOSE  
WITH OBSTRUCTIVE AIRWAY DISEASE.

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

First Aid:REMOVE FROM CONTAMINATED ATMOSPHERE. REMOVE CONTAMINATED  
CLOTHING. FLUSH AFFECTED AREAS THOROUGHLY WITH WA

TER. IF SWALLOWED,

DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:>130F,>54C

Lower Limits:0.7

Upper Limits:5.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, OR FOAM. WATER SPRAY  
OR FOG TO COOL SURROUNDING CONTAINERS.

Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS MAY BE  
REQUIRED.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. CONTAIN WITH EARTHEN DIKE OR PETROLEUM ABSORBENT MATERIAL. REMOVE WITH GROUNDED SUCTION PUMP TO SALVAGE CONTAINER. REMOVE ALL CONTAMINATED MATERIALS.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:KEEP AWAY FROM ALL IGNITION SOURCES. (E.G.HEAT, FLAME, STRONG OXIDIZERES). BOND AND GROUND CONTAINER.

Other Precautions  
:NONE

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

Respiratory Protection:ORGANIC VAPOR RESPIRATOR APPROVED BY NIOSH.  
Ventilation:LOCAL EXHAUST TO CONTROL VAPORS. MECHANICAL VENTILATION FOR CONFINED SPACES. USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:PVC OR EQUIVALENT RESISTANT

Eye Protection:CHEMICAL SAFETY GOGGLES OR FACESHIELD

Other Protective Equipment:PVC OR EQUIVALENT CLOTHING IF SPLASHING IS LIKELY.

Work Hygienic Practices:MFR:KEEP BODY CONTACT AND SPLASH TO A MINIMUM.

HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. WASH BEFORE EATING, DRINKING.

Supplemental Safety and Health  
KEY2:KT

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

HCC:F4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:325F,163C

Vapor Pres: