

TOTAL PETROLEUM -- TOTAL NO. 2 DIESEL, ON ROAD -- 9140-00-286-5296

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

Product ID:TOTAL NO. 2 DIESEL, ON ROAD

MSDS Date:12/30/1993

FSC:9140

NIIN:00-286-5296

MSDS Number: BTZXF

=== Responsible Party ===

Company Name:TOTAL PETROLEUM

Address:999 18TH ST SUITE 2201

City:DENVER

State:CO

ZIP:80202

Country:US

Info Phone Num:303-291-2347

Emergency Phone Num:303-291-2347

Prep

arer's Name:J.M. KAZARIAN

CAGE:0LV88

=== Contractor Identification ===

Company Name:COLORADO REFINING COMPANY

Address:5800 BRIGHTON BLVD

Box:City:COMMERCE CITY

State:CO

ZIP:80022

Country:US

Phone:303-295-4500

CAGE:COLOR

Company Name:TOTAL PETROLEUM

Address:999 18TH ST SUITE 2201

Box:City:DENVER

State:CO

ZIP:80202

Country:US

Phone:303-291-2347

CAGE:0LV88

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

Ingred Name:PETROLEUM MID-DISTILLATE

CAS:68476-34-6

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:ACUTE: CENTRAL NERVOUS SYSTEM

DEPRESSION, PERIPHERAL NERVOUS SYSTEM DEPRESSION, NARCOSIS, ASPHYXIATION, GASTROINTESTINAL DISTURBANCES, AND EYE AND SKIN IRRITATION. CHRONIC: DERMATITIS, PNEUMONITIS, PULMONARY EDEMA, AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:WHEN USED AS DIESEL FUEL, NIOSH

RECOMMENDS THAT WHOLE DIESEL EXHAUST BE REGUARDED AS A POTENTIAL CARCINOGEN.

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

Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTION, ESPECIALLY THOSE WITH OBSTRUCTIVE AIRWAY DISEASES.

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

First Aid:REMOVE FROM CONTAMINATED ATMOSPHERE. REMOVE CONTAMINATED

CLOTHING. FLUSH AFFECTED AREAS THOROUGHLY WITH WATER. IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:100F,38C

Lower Limits:0.7

Upper Limits:5.0

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

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

=====

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN

WITH EARTHEN DIKE OR PETROLEUM ABSORBENT MATERIAL. REMOVE WITH GROUNDED SUCTION PUMP TO SALVAGE CONTAINER. REMOVE ALL CONTAMINATED MATERIALS.

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

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

RS.

Other Precautions:FOLLOW OSHA AND MSHA RULES WHERE EXHAUST FUMES MAY BE GENERATED.

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

Respiratory Protection:ORGANIC VAPOR RESPIRATOR APPROVED BY NIOSH.

Ventilation:LOCAL EXHAUST: TO CONTROL VAPORS. SPECIAL: USE EXPLOSION PROOF EQUIPMENT. MECHANICAL: FOR CONFINED SPACES.

Protective Gloves:PVC OR EQUIVALENT RESISTANT GLOVE.

Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment:PVC OR EQUIVALENT C

LOTHING IF SPLASHING IS

LIKELY.

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

Supplemental Safety and Health

NONE

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

HCC:F4

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

Vapor Pres: