



Material Safety Data Sheet

Product Name: TOTAL No. 2 DIESEL FUEL (low and high sulfur) Revised: 01/25/96

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TOTAL No. 2 DIESEL FUEL (low and high sulfur)

Description: diesel fuels for on-road and off-road use

Product Identifiers: No. 2 Diesel, No. 2 Dieselate

X-Grade Diesel, No. 2 Fuel Oil

Manufacturer: Total Petroleum Inc., 900 19th Street, Denver, CO 80202-2523

Phone Number: NON-EMERGENCY: (303)291-2000, 8-4 MST EMERGENCY: (800)424-9300

CHEMTREC #: 1-800-424-9300

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Percent
No. 2 Diesel Fuel	68476-34-6	100

EXPOSURE INFORMATION

Ingredients	TLV	PEL	ACGIH STEL	OSHA STEL
No. 2 Diesel Fuel	NA	NA	100mg/m3+	100mg/m3+

+ NIOSH recommended 10-hour TWA exposure limit for kerosene.

*Exposure limits expressed as 8-hour, TWA concentrations in either parts per million (ppm), or milligrams per cubic meter (mg/m3).

3. HAZARDS IDENTIFICATION

Routes of Entry:

Inhalation? Yes Skin? Yes Ingestion? Yes

EXPOSURE EFFECTS

Symptoms of exposure:

Headache, drowsiness, eye, respiratory or skin irritation, nausea, numbness.

Acute exposure effects:

Central nervous system depression, peripheral nervous system depression, narcosis, asphyxiation, gastrointestinal disturbances, and eye and skin irritation.

Chronic exposure effects:

Dermatitis, pneumonitis, pulmonary edema, and kidney damage. When used as diesel fuel, NIOSH recommends that whole diesel exhaust be regarded as a potential occupational carcinogen; follow OSHA and MSHA rules where exhaust fumes may be generated.

Medical conditions aggravated by exposure:

Impaired pulmonary function through inhalation exposure, especially

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those with obstructive airway diseases.

Carcinogen Status: No

NTP? No

OSHA? No

IARC? No

Carcinogenicity statement:

Studies with rodents have shown that petroleum distillates have caused kidney damage and kidney or liver tumors. Mouse skin painting studies have shown that petroleum distillates which are similar to this product caused a low incident of skin tumors.

4. FIRST AID MEASURES

Emergency and First Aid procedures:

Remove from contaminated atmosphere. Remove contaminated clothing.
Flush affected areas thoroughly with water.

IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

5. FIRE AND EXPLOSION DATA

Flashpoint: 100 F 37.77 C

Method used: FM

Autoignition Temperature: NA

LEL: 0.7%

UEL: 5.0%

Fire Fighting Procedures: SCBA may be required.

Extinguishing Media: Foam, Dry Chemical, CO2

Use water spray to cool containers

Unusual Fire and Explosion Hazards:

NA

6. ACCIDENTAL RELEASE MEASURES

Spill/Release Instructions:

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.

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7. HANDLING AND STORAGE INFORMATION

Storage and Handling Procedures:

Keep away from all ignition sources (e.g. heat, flame, sparks, strong oxidizers). Bond and ground container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No
For confined spaces

Local Exhaust: To control vapors

Respiratory protection:

NIOSH Approved Organic Vapor Respirator

Eye Protection: Chemical goggles or face shield.

Glove Protection: PVC/equivalent resistant glove

Work/Hygienic Practices: Keep body contact and splash to a minimum.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: Pale yellow, or red liquid

Product Odor: Characteristic kerosene odor

Specific Gravity: <1

Solubility in water: Insoluble

Boiling Point: 325 F 162.76 C

Freezing Point (F): NA

Melting point (F): NA

Vapor Density (Air = 1): 5 to 11

Vapor Pressure: <50

Reference: mmHg @ 100 F.

10. STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Hazardous Polymerization: No

Materials to Avoid: Oxidizers

Conditions to Avoid:

Heat and flames

Hazardous Decomposition:

Carbon monoxide and other petroleum decomposition products.

11. TOXICOLOGICAL INFORMATION

For detailed information, contact MSDS preparer at (303) 291-2272.

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12. ECOLOGICAL INFORMATION

For detailed information, contact MSDS preparer at (303) 291-2272.

13. DISPOSAL CONSIDERATIONS

Waste Management: Per federal, state and local laws.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: COMUSTIBLE LIQUID, N.O.S.

Hazard Class: 3 UN/NA Number: NA 1993 Packing Group: III

15. REGULATORY INFORMATION

Hazardous under Section 311: Yes

Fire Hazard: No

Sudden Release: No

Immediate: Yes

Reactive Hazard: No

Delayed: Yes

Section 313 listed components:

None

16. OTHER INFORMATION

NFPA 704M Rating

NFPA Fire Code: 2

NFPA Health Code: 1

NFPA Reactivity Code: 0

NFPA Other: Blank

The information contained in this MSDS is believed to be accurate, but is not warranted to be, whether originated with Total Petroleum or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to the circumstances.

NA = No Applicable information was found

NFPA Key: 0 = insignificant

1 = slight

2 = moderate

3 = high

4 = extreme

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Prepared By: J.M. Kazarian

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