

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Riggins Inc.
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Vineland, N.J. 08360

Information: (856) 825-7600

Product Name: Diesel Fuel No. 2
MSDS Number: A0006.msds

Last Revision: 4/22/04
Date Prepared: 07/07/86

Synonyms: Diesel Fuel No. 2, F76 Naval Distillate.
Product Description: A complex mixture of paraffinic, olefinic, naphthenic and aromatic hydrocarbons. A distillate of low sulfur content.

2. COMPOSITION & INFORMATION ON INGREDIENTS

Product	CAS No.	Wt%	Occupational Exposure Limits*			Units
			OSHA PEL	ACGIH TLV	Other	
Diesel Fuel No. 2	68476-34-6	100	N/A	N/A		

Key: * = 8-Hr. TWA unless otherwise specified

3. HAZARD IDENTIFICATION

Note: This product has not been tested by El Paso Corporation to determine its specific health hazards. Therefore, the information provided in this section includes health hazard information on the product components.

Carcinogenicity:	NTP No	IARC Monographs No	OSHA Regulated No
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Potential Health Effects from Overexposure:

Acute Effects:

Eyes: Slight to moderate eye irritation with direct contact.

Skin: Moderately to extremely irritating; causing redness, drying to burns or blistering of the skin.

Inhalation: Inhalation can be irritating to the mucous membrane and respiratory tract. Will produce symptoms of intoxication such as headache, dizziness, nausea, vomiting, and loss of coordination.

Ingestion: Gastric irritation, abdominal pain, mild excitation, loss of consciousness, convulsions, cyanosis, congestion and capillary hemorrhaging of the lung and internal organs. Aspiration hazard if vomiting occurs.

Chronic Effects:

Prolonged and repeated skin contact may cause dermatitis.

Additional Medical and Toxicological Information:

May aggravate pre-existing dermatitis. Middle distillates have caused skin cancer and kidney damage in laboratory animals. The National Institute for Occupational Safety and Health (NIOSH), based on findings of carcinogenic and tumorigenic responses of mice and rats exposed to whole diesel exhaust, recommends that whole diesel exhaust be regarded as a "potential occupational carcinogen".

4. FIRST AID MEASURES

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes, including under the eyelids. Contact a physician immediately, preferably an emergency department.

Skin Contact: Cool the exposed area immediately. Remove contaminated clothing. Wash affected areas with soap and water.

Inhalation: Remove to fresh air. If breathing has stopped, apply artificial respiration. Get medical attention by calling 911.

Ingestion: Do not induce vomiting. If spontaneous vomiting occurs, hold the victim's head lower than their hips to prevent aspiration.

5. FIRE FIGHTING MEASURES

Flash Point: 125°F (PM)

Flammable Limits in Air, % by Volume:

Lower: 0.6

Upper: 7.5

Autoignition Temperature: 495°F

Extinguishing Media: Dry chemical, foam, carbon dioxide, and water spray.

NFPA Ratings: Health: 0 Flammability: 2 Reactivity: 0

General Hazard:

Flowing oil can be ignited by self-generated static electricity.

Fire Fighting Instructions:

Use a water spray to cool fire-exposed containers. Use a smothering technique for extinguishing fire of this combustible liquid. Do not use a force water stream directly on oil fires as this will tend to scatter the fire. Firefighters should wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE

Remove sources of heat or ignition including internal combustion engines and power tools. Remove spill with vacuum trucks or pump and soak up residue with an inert absorbent. Do not flush to sewers or surface water. Ventilate area and avoid breathing vapors.

7. HANDLING & STORAGE

Store in tightly closed containers in a dry, cool place, away from incompatible substances or sources of heat or ignition. Ground and bond all transfer and storage equipment to prevent static sparks and equip with self-closing valves, pressure vacuum bungs and flame arrestors. Empty containers may contain residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame sparks or other sources of ignition; they may explode and cause injury or death.

8. EXPOSURE CONTROL, PERSONAL PROTECTION

Eye Protection: Remove contact lenses and wear chemical safety glasses or goggles where contact with liquid or mist may occur.

Skin Protection: Wear appropriate gloves and other PPE when contact with skin may occur. Launder contaminated clothing prior to reuse. Wash with soap and water before eating, drinking or smoking.

Inhalation: Use approved respiratory protective equipment (wear self-contained breathing apparatus) for cleaning large spills or entry into tanks, vessels or other confined spaces.

Ventilation: Provide adequate general and local ventilation: (1) to maintain airborne chemical concentrations below applicable exposure limits, (2) to prevent accumulation of flammable vapors and formation of explosive atmospheres, and (3) to prevent formation of oxygen deficient atmospheres, especially in

confined spaces. [Note: this product may release gases or vapors that can displace oxygen in enclosed areas.]

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point 760 mmHg: 300-675°F
Vapor Pressure mmHg @20°C: <0.5
% Solubility in H₂ O: Insoluble
Specific Gravity 60/60F: 0.87
% Volatile by Volume @ 20°C: N/A
Viscosity (method, temp.):1.9-4.1cST @40°C
Odor: Mild petroleum
Appearance: Clear to amber, blue or red liquid

Melting Point: N/A
Vapor Density (Air=1):8
pH: N/A
Evaporation Rate
(Butyl Acetate=1): 0.01

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions of use.

Hazardous Polymerization: Will not occur.

Conditions to Avoid/Incompatibilities: Strong oxidizing agents, heat, sparks, flame and build up of static electricity.

Hazardous Decomposition Products: CO, CO₂, SO₂, hydrocarbons.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL INFORMATION

Dispose through a licensed waste disposal company. Follow federal, state and local regulations.

14. TRANSPORT INFORMATION

Domestic: Diesel Fuel, 3, NA 1993, Packing Group III.

International: Petroleum distillates, N.O.S , 3. UN 1268, Packing Group III.

15. REGULATORY INFORMATION

EPA SARA TITLE III

Section 302 EPCRA Extremely Hazardous Substances (EHS)

Product Component	CAS No.	Wt%	RQ, lb	TPQ, lb
None				

Section 304 CERCLA Hazardous Substances

Product Component	CAS No.	Wt%	RQ, lb
None			

Section 311/312 Hazard Categorization

Acute:	Chronic:	Fire:	Pressure:	Reactive:
X	X	X		

Section 313 EPCRA Toxic Substances

Product Component	CAS No.	Wt.%
None		

Key: RQ = Reportable Quantity
TPQ = Threshold Planning Quantity of EHS

CALIFORNIA PROPOSITION 65 WARNING

Chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm may be found in crude oil and petroleum products. Although it is possible to sufficiently refine a crude oil or its end products to remove the potential for cancer, we are advising that one or more of the listed chemicals may be present in some detectable quantities. Read and follow directions and use care when handling crude oil and petroleum products.

16. OTHER INFORMATION

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THIS COMPANY'S KNOWLEDGE AND BELIEVED ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO THE ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR THEIR OWN PARTICULAR USE.

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