



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: DIESEL FUEL

General Uses: Fuel for Diesel Engines.

Product Description: Amber Liquid, Hydrocarbon Odor.

MANUFACTURER:

Tulstar Products, Inc.
5510 S. Lewis Ave.
Tulsa, OK 74105

EMERGENCY TELEPHONE NUMBERS

CHEMTREC (800) 424-9300

2. COMPOSITION INFORMATION

| | | |
|---|--|--------------------|
| CHEMICAL FAMILY: Petroleum Hydrocarbon | Common Name: Petroleum Distillate | <u>% Vol.</u> 100% |
| HAZARDOUS INGREDIENTS: Potential Carcinogen | Exposure Limits (Oil Mist): | <u>TWA</u> |
| CAS #: 64742-30-9 | ACGIH, TLV (ppm) | 5 |
| | OSHA, PELS (ppm) | 5 |
| | NIOSH, TWA (ppm) | 5 |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Clear light to dark amber liquid. Mild hydrocarbon odor. Can burn in a fire.

POTENTIAL HEALTH EFFECTS:

INHALATION: Low levels of vapors unless heated to temperatures of 125 °F.

EYE CONTACT: Irritating, but will not permanently injure eye tissue.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INGESTION: Small amounts (tablespoonful) swallowed are not likely to cause injury. Larger amounts may cause nausea and vomiting. Consult a physician promptly.

CHRONIC (CANCER) INFORMATION: IARC Monographs state that there is sufficient evidence that products of this type can cause cancer in laboratory animals after frequent exposure over their lifetime. However, cancer risk is greatly reduced with good industrial hygiene practice.

4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

SKIN: Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

INGESTION: If more than several mouthfuls have been swallowed, give two glasses of water (16 Oz.). Get medical attention.

INHALATION: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

5. FIRE FIGHTING MEASURES

| | |
|--------------------------|----------------|
| Flash Point, °F (Method) | 130 (COC) |
| Ignition Temp. °F | Not Determined |
| Flammability Limits (%) | Not Determined |

RECOMMENDED FIRE EXTINGUISHING AGENTS AND SPECIAL PROCEDURES

According to NFPA Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

UNUSUAL OR EXPLOSIVE HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES

Notify the appropriate authorities immediately. Contain spill, if possible. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or in confined areas. Wipe up or use suitable absorbent material and shovel into appropriate container for disposal. Prevent entry into sewers or waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

PRECAUTIONS: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Chemical-type goggles or face shield recommended to prevent eye exposure.

SKIN PROTECTION: Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered or dry-cleaned at least weekly.

RESPIRATORY PROTECTION: Airborne concentrations should be kept to lowest levels. If vapor is generated, use respirator approved by OSHA or NIOSH as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See Exposure Limit below.

VENTILATION: Must be adequate to meet exposure limits below.

EXPOSURE LIMIT (TOTAL PRODUCT)

5 mg/m³ for mineral oil mist over an 8 hour daily exposure (ACGIH).



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Bright ,clear liquid. Mineral odor.

% VOC: 100 (Can be totally burned)

FREEZING POINT: Not applicable

VAPOR PRESSURE: 0.093 torr @ 24 °C

pH: Not available

SOLUBILITY IN WATER: Insoluble

VAPOR DENSITY (Air=1): 1+

| <u>GRADE</u> | <u>VISCOSITY, cSt @ 40 °C</u> | <u>FLASH, °C (COC)</u> | <u>SPECIFIC GRAVITY</u> | <u>BOILING POINT, °C</u> |
|--------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|
| DIESEL FUEL | 2.3 | 68 | 0.871 | 149 |

10 .STABILITY AND REACTIVITY

- This material reacts violently with strong oxidizers.
- Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and keytones when heated to combustion.
- Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

TOXOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Not Available



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

12. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this material on the environment. A film or sheen will cause discoloration of the water surface or adjoining shoreline.

13. DISPOSAL CONSIDERATIONS

This product has been evaluated for RCRA characteristics and *does not* meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product is subject in service to chemical alteration, which may render the resulting material hazardous.

14. TRANSPORT INFORMATION

| <u>PRODUCT</u> | <u>DOT</u> | | <u>PACKAGING</u> |
|----------------|--------------|--------------------|-------------------------------|
| | <u>CLASS</u> | <u>PLACARD NO.</u> | |
| Diesel Fuel | 3 | NA 1993 | PG III, Placarded Combustible |

15. REGULATORY INFORMATION

TSCA: All components of this material are listed in the U.S. TSCA Inventory.

OSHA: IARC Monographs state that there is sufficient evidence that products of this type can cause cancer in laboratory animals after frequent exposure over their lifetime. However, cancer risk is greatly reduced with good industrial hygiene practice.

SARA TITLE III:

| | |
|---|------|
| Section 302/304 Extremely Hazardous Substance | None |
| Section 313 Toxic Chemicals | None |

CERCLA:

| | |
|------------------------------------|---|
| Section 102(a) Hazardous Substance | No Reportable Quantity (RQ) Substances |
|------------------------------------|---|

We recommend you contact local authorities to determine if there may be other local reporting requirements.

16. OTHER INFORMATION

Hazard Ratings Recommended for Containers

| <u>NFPA</u> | <u>HMIS</u> |
|----------------------|-----------------------------|
| Fire 2 | Health 3 |
| Health 3 | Flammability 2 |
| Reactivity 0 | Reactivity 0 |
| Specific Hazard none | Personal Protection Index B |



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

16. OTHER INFORMATION (CON'T)

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Tulstar Products, Inc.. The data on this sheet is related only to the specific material designated herein. Tulstar Products, Inc. assumes no legal responsibility for use or reliance upon these data.

NA = Not Available

Not App. = Not Applicable

17. PRODUCT LABEL

Product Trade Name: DIESEL FUEL

Date: 8-21-02

Tank Car Number: NA

Truck Loading Manifest No: NA

WARNING

Avoid Prolonged Breathing of Mist or Spray. Average exposure to airborne mist for an 8-hour workday should not exceed 5.0 milligrams of mist per cubic meter of air.

Avoid Eye and Skin Contact: Wear oil-impervious protective clothing. If clothes become contaminated, change to clean clothing after thoroughly washing exposed skin with soap and warm water.

FIRST AID

Inhalation: If overcome by fumes, remove from exposure immediately and call a physician.

Skin: Wash with warm water and soap until the exposed area is clean.

Eyes: Flush with water for at least fifteen (15) minutes. See physician if symptoms persist.

Ingestion: Do not induce vomiting. Obtain medical assistance. Small amounts that accidentally enter through the mouth should be rinsed out until no taste of it remains.

FIRE CONTROL

Use water spray or fog, chemical foam, dry powder or carbon dioxide.

SPILL / LEAK

Add absorbent (sand, sawdust, etc.) to the spill area. Contain spill. Advise State Environmental Protection Agency, if required. Put recovered material in an appropriate container and dispose of according to federal, state, and local regulations. For guidance call Chemtrec at (800) 424-9300.

STORAGE

Store in original or equivalent container. Store at the lowest practical temperature. Keep container closed when not in use. Do not apply heat or flame to the container
