

MSDS Safety Information

FSC: 9140 **NIIN:** 00-255-7764 **MSDS Date:** 06/10/1990 **MSDS Num:** BPHYZ

Submitter: D DG **Tech Review:** 11/24/1992 **Status CD:** C
Product ID: MARINE DIESEL **MFN:** 01
Article: N **Kit Part:** N

Responsible Party **Cage:** 0F366

Name: TRANS-TEC SERVICES INC

Address: 150 E 55TH STREET

City: NEW YORK **State:** NY **Zip:** 10022-4580

Country: US

Info Phone Number: 703-838-9259 (VA)

Emergency Phone Number: 703-836-1495 (VA)

Preparer's Name: UNKNOWN

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

Preparer Co. when other than Responsible Party Co.

Cage: 0F366 **Assigned Ind:** N

Name: TRANS-TEC SERVICES INC

Address: 150 E 55TH STREET

Box:

City: NEW YORK **State:** NY **Zip:** 10022-4580

Contractor Summary

Cage: 0F366 **Name:** TRANS-TEC SERVICES INC

Address: 150 E 55TH STREET

City: NEW YORK **State:** NY **Zip:** 10022-4580

Country: US **Phone:** 703-836-1495 (VA)

Cage: 0NUX1 **Name:** TRANS-TEC SERVICES INC

Address: 1101 KING ST, SUITE 601

City: ALEXANDRIA **State:** VA **Zip:** 22314

Country: US **Phone:** 703-838-9259

Item Description Information

Item Manager: S9F

Item Name: DIESEL FUEL

Specification Number: MIL-F-16884

Type/Grade/Class: F-75 GRADE

Unit of Issue: CN
UI Container Qty: 5 GALLON

Quantitative Expression: 0000000005GL
Type of Container: METAL CAN

Ingredients

Cas: 71-43-2 Code: M RTECS #: CY1400000 Code: M

Name: BENZENE (SARA III)

% Text: 0.1-1

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1PPM/5STEL;1910.1028 Code: M

OSHA STEL: Code:

ACGIH TLV: 10 PPM; A2; 9293 Code: M

ACGIH STEL: N/P Code:

EPA Rpt Qty: 10 LBS

DOT Rpt Qty: 10 LBS

Ozone Depleting Chemical: N

Cas: 142-82-5 Code: M RTECS #: MI7700000 Code: M

Name: N-HEPTANE

% Text: <1-2

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM/500 STEL Code: M

OSHA STEL: Code:

ACGIH TLV: 400 PPM/500STEL;9293 Code: M

ACGIH STEL: N/P Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 110-54-3 Code: M RTECS #: MN9275000 Code: M

Name: HEXANE (N-HEXANE)

% Text: <1-2

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM Code: M

OSHA STEL: Code:

ACGIH TLV: 50 PPM; 9293 Code: M

ACGIH STEL: N/P Code:

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ozone Depleting Chemical: N

Cas: 91-20-3 Code: M RTECS #: QJ0525000 Code: M

Name: NAPHTHALENE (SARA III)

% Text: <1-2

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 10 PPM/15 STEL **Code:** M

OSHA STEL: **Code:**

ACGIH TLV: 10 PPM/15 STEL; 9293 **Code:** M

ACGIH STEL: N/P **Code:**

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

Ozone Depleting Chemical: N

Cas: 111-84-2 **Code:** M

RTECS #: RA6115000 **Code:** M

Name: NONANE

% Text: <1-3

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM **Code:** M

OSHA STEL: **Code:**

ACGIH TLV: 200 PPM; 9293 **Code:** M

ACGIH STEL: N/P **Code:**

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 111-65-9 **Code:** M

RTECS #: RG8400000 **Code:** M

Name: OCTANE

% Text: <1-2

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM/375 STEL **Code:** M

OSHA STEL: **Code:**

ACGIH TLV: 300 PPM/375 STEL; 9293 **Code:** M

ACGIH STEL: N/P **Code:**

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 68476-34-6 **Code:** M

RTECS #: 1004302PE **Code:** M

Name: PETROLEUM MID-DISTILLATE (DIESEL MARINE FUEL)

% Text: >90

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 AS OIL MIST **Code:** M

OSHA STEL: **Code:**

ACGIH TLV: 5 MG/M3 AS OIL MIST **Code:** M

ACGIH STEL: N/P **Code:**

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical: N

Health Hazards Data

LD50 LC50 Mixture NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Health Hazards Acute And Chronic

MAY CAUSE MODERATE SKIN IRRITATION, AND DEFATTING. PROLONGED BREATHING OF VAPOR CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. MAY BE HARMFUL OR FATAL IF SWALLOWED ASPIRATION INTO THE LUNGS CAN CAUSE SEVERE CHEMICAL PNEUMONITIS OR PULMONARY EDEM A/HEMORRHAGE, HIGH CAN BE FATAL. MAY CAUSE GASTROINTESTINAL DISTURBANCES.

Explanation Of Carcinogenicity

BENZENE IS CONSIDERED TO BE A CARCINOGEN TO HUMANS, AND MAY CAUSE ADVERSE HEALTH EFFECTS FOLLOWING EXPOSURE.

Signs And Symptions Of Overexposure

EYE: IRRITATION, BLURRED VISION AND CONJUNCTIVITIS. SKIN: IRRITATION, REDNESS, ITCHING, INFLAMMATION, & DERMATITIS. INHALATION: NAUSEA, HEADACHE, DIZZINESS, LOSS OF REFLEXES, WEAKNESS AND LOSS OF CONSCIOUSNESS. INGESTION: MAY CAUSE NAUSEA, VOMITING, DIARRHEA AND RESTLESSNESS. CAN CAUSE CHEMICAL PNEUMONITIS AND DEATH.

Medical Cond Aggravated By Exposure

PREEXISTING EYE, SKIN, HEART, CENTRAL NERVOUS SYSTEM AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid

EYE: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES WHILE LIFTING EYELIDS. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE WATER OR MILK TO DRINK ONLY IF CONSCIOUS. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

Spill Release Procedures

STAY UPWIND AND AWAY FROM SPILL. WEAR PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION. ISOLATE AREA AND RESTRICT ENTRY TO EMERGENCY CREW. ELIMINATE SOURCES OF IGNITION. CONTAIN SPILL. RECOVER BY VACUUMING. STOP LEAK IF NO RISK. ABSORB RESIDUE.

Neutralizing Agent

NONE

Waste Disposal Methods

DISPOSE OF MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT STATE AND FEDERAL REGULATORS TO DETERMINE WHETHER THE MATERIAL SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE OR INDUSTRIAL WASTE AND HANDLED ACCORDINGLY.

Handling And Storage Precautions

STORE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY, ISOLATED AND WELL VENTILATED AREA AWAY FROM HEAT, SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions

EMPTIED CONTAINERS STILL CONTAIN HAZARDOUS OR EXPLOSIVE VAPOR OR LIQUID. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT. WARNING! DO NOT USE AS PORTABLE HEATER OR APPLIANCE FUEL. TOXIC FUMES MAY ACCUMULATE & CAUSE DEATH.

Fire and Explosion Hazard Information

Flash Point Method: PMCC

Flash Point:

Flash Point Text: >130F,>54C

Autoignition Temp:

Autoignition Temp Text: 495F

Lower Limits: 0.4

Upper Limits: 8.0

Extinguishing Media

CARBON DIOXIDE, DRY CHEMICAL, AND FOAM. CONSULT FOAM MANUFACTURER FOR APPROPRIATE MEDIA, APPLICATION RATES AND RATIO.

Fire Fighting Procedures

WATER CAN BE USED TO COOL FIRE-EXPOSED CONTAINERS, STRUCTURES AND TO PROTECT PERSONNEL. IF FUEL HAS NOT IGNITED, VENTILATE AREA, STOP LEAK, & FLUSH AREA(WATER).

Unusual Fire/Explosion Hazard

LIQUID IS VOLATILE & GIVES OFF INVISIBLE VAPORS WHICH MAY TRAVEL SOME DISTANT ALONG THE GROUND OR SURFACE TO IGNITION SOURCES WHERE THEY MAY IGNITE OR EXPLODE.

Control Measures

Respiratory Protection

IF WORKPLACE EXPOSURE LIMITS FOR PRODUCT OR COMPONENTS ARE EXCEEDED, NIOSH EQUIPMENT SHOULD BE WORN. PROPER RESPIRATOR SELECTION SHOULD BE DETERMINED BY ADEQUATELY TRAINED PERSONNEL, BASED ON CONTAMINANTS AND AMOUNT OF EXPOSURE.

Ventilation

USE IN WELL VENTILATED AREA. IN CONFINED SPACE, MECHANICAL VENTILATION MAY BE NECESSARY TO REDUCE VAPOR CONCENTRATIONS.

Protective Gloves

NEOPRENE OR NITRIL-BUTADIENE RUBBER

Eye Protection

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment

EYE WASH STATION & SAFETY SHOWER. WEAR IMPERVIOUS CLOTHING AS NEEDED TO PREVENT PROLONGED AND REPEATED SKIN CONTACT.

Work Hygienic Practices

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EMPTY CONTAINERS MAY CONTAIN TOXIC, FLAMMABLE/COMBUSTIBLE OR EXPLOSIVE RESIDUES OR VAPORS. DO NOT CUT, GRIND, DRILL, WELD, OR REUSE

EMPTY CONTAINERS THAT CONTAINED THIS PRODUCT. DO NOT TRANSFER THIS PRODUCT TO ANOTHER CONTAINER UNLESS THE CONTAINER RECEIVING THE PRODUCT IS PROPERLY LABELED.

Physical/Chemical Properties

HCC: F4 **NRC/State LIC No:** N/R

Net Prop WT For Ammo: N/R

Boiling Point:	B.P. Text: >325F,>163C
Melt/Freeze Pt:	M.P/F.P Text: UNKNOWN
Decomp Temp:	Decomp Text: UNKNOWN
Vapor Pres: 2	Vapor Density: 4-7
Volatile Org Content %:	Spec Gravity: 0.84
VOC Pounds/Gallon:	PH: N/R
VOC Grams/Liter:	Viscosity: UNKNOWN

Evaporation Rate & Reference: NO DATA AVAILABLE

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR TO STRAW COLORED LIQUID. ODOR OF KEROSENE.

Percent Volatiles by Volume: 0 **Corrosion Rate:** N/R

Reactivity Data

Stability Indicator: YES STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES ETC., STRONG ACIDS, CAUSTICS AND HALOGENS.

Stability Condition To Avoid: DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES.

Materials To Avoid:

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE AND REACTIVE HYDROCARBON COMPOUNDS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT APPLICABLE

Toxicological Information

Toxicological Information: N/P

Ecological Information

Ecological: N/P

MSDS Transport Information

Transport Information: N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information: N/P

HMIS Transportation Information

Responsible Party Cage: 0F366

Trans ID NO: 61774

Product ID: MARINE DIESEL

MSDS Prepared Date: 06/10/1990

Review Date: 11/24/1992

MFN: 1

Submitter: D DG

Status CD: C

Article W/O MSDS: N

Tech Entry NOS Shipping Nm: DIESEL
MARINE
FUEL

Radioactivity: N/R

Form:

Net Explosive Weight: N/R

Coast Guard AMMO Code: N/R

Magnetism: N/P

Net Unit Weight: 35.0
LBS

AF MMAC Code:

DOD Exemption NUM: N/R

Limited Quantity IND:

Multiple KIT Number: 0

Kit IND: N

Kit Part IND: N

Review IND: Y

Unit Of Issue: CN

Container QTY: 5 GALLON

Type Of Container: METAL CAN

Additional Data: NONE

Detail DOT Information

DOT PSN Code: LKZ

Symbols:

DOT Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. OR PETROLEUM PRODUCTS, N.O.S.

DOT PSN Modifier:

Hazard Class: 3

UN ID Num: UN1268

DOT Packaging Group: III

Label: FLAMMABLE LIQUID

Special Provision: B1,T7,T30

Packaging Exception:

Non Bulk Pack: 203

Bulk Pack: 242

Max Qty Pass: 60 L

Max Qty 220 L

Cargo:

Vessel Stow Req: A

Water/Ship/Other Req:

Detail IMO Information

IMO PSN Code: LMH

IMO Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. o

IMO PSN Modifier:

IMDG Page Number: 3375

UN Number: 1268

UN Hazard Class: 3.3

IMO Packaging Group: III

Subsidiary Risk Label: -

EMS Number: 3-07

MED First Aid Guide NUM: 311

Detail IATA Information

IATA PSN Code: TJB

IATA UN ID 1268
NUM:

IATA Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

IATA PSN Modifier:

IATA UN Class: 3

Subsidiary Risk Class:

IATA Label: FLAMMABLE LIQUID

UN Packing Group: III

Packing Note Passenger: 309

Max Quant Pass: 60L

Max Quant Cargo: 220L

Packaging Note Cargo: 310

Exceptions:

Detail AFI Information

AFI PSN Code: TJB

AFI Symbols:

AFI Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

AFI PSN Modifier:

AFI Hazard Class: 3

AFI UN ID NUM: UN1268

AFI Packing Group: III

AFI Label:

Special Provisions: P5

Back Pack
Reference: A7.3

HMIS HAZCOM Label

Product ID: MARINE DIESEL

Cage: 0F366 Assigned IND: N

Company Name: TRANS-TEC SERVICES INC

Street: 150 E 55TH STREET PO Box:
City: NEW YORK State: NY Zipcode: 10022-4580

Country: US

Health Emergency Phone: 703-836-1495 (VA)

Label Required IND: Y Date Of Label Review: 11/24/1992
Status Code: C MFG Label NO: NOT APPLICABLE
Label Date: 11/24/1992 Year Procured: N/K
Origination Code: G Chronic Hazard IND: N/P
Eye Protection IND: YES Skin Protection IND: YES
Signal Word: DANGER Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Moderate
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions

PRODUCT MAY CONTAIN OR RELEASE HYDROGEN SULFIDE. H2S IS A HIGHLY TOXIC, HIGHLY FLAMMABLE GAS WHICH CAN BE FATAL IF INHALED AT CERTAIN CONCENTRATIONS. CONTAINS BENZENE. CANCER HAZARD. CAN CAUSE KIDNEY, LIVER AND BLOOD DISORDERS. EXHAUST FUME S HAVE BEEN REORTED TO BE AN OCCUPATIONAL HAZARD DUE TO NIOSH-REPORTED POTENTIAL CARCINOGENIC PROPERTIES. MAY CAUSE IRRITATION TO EYES, SKIN AND RESPIRATORY SYSTEM. AVOID LIQUID, MIST AND VAPOR CONTACT. HARMFUL OR FATAL IF SWALLOWED. ASPIR ATION HAZARD, CAN ENTER LUNGSAND CAUSE DAMAGE. MAY CAUSE IRRITATION OR BE HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN. AVOID PROLONGED OR REPEATED SKIN CONTACT.

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