

NAVAJO REFINING CO -- DIESEL FUEL -- 9140-00-286-5295

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

Product ID:DIESEL FUEL

MSDS Date:03/09/1992

FSC:9140

NIIN:00-286-5295

MSDS Number: BRJJJ

=== Responsible Party ===

Company Name:NAVAJO REFINING CO

Address:501 E MAIN, DRAWER 159

City:ARTESIA

State:NM

ZIP:88210-2067

Country:US

Info Phone Num:505-748-3311

Emergency Phone Num:800-432-6866

CAGE:4K236

=== Contract

or Identification ===

Company Name:BIG BEAR OIL CO INC

Address:421 FREDRICK ST

Box:2036

City:EL PASO

State:TX

ZIP:79950

Country:US

Phone:915-775-1945

CAGE:0BMM6

Company Name:NAVAJO REFINING COMPANY

Box:159

City:ARTESIA

State:NM

ZIP:88211-0159

Country:US

Phone:505-748-3311

CAGE:4K236

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

Ingred Name:PETROLEUM MID-DISTILLATE (DIESEL MARINE FUEL)

CAS:68476-34-6

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:NAPHTHALENE (SARA III)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 1-3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

===== 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:IRRITANT/NARCOTIC. DEPRESSI
ON OF

CENTRAL NERVOUS SYSTEM RANGING FROM HEADACHES TO DEATH. KIDNEY AND
LIVER DAMAGES POSSIBLE. ASPIRATION INTO LUNGS CAN CAUSE SEVERE LUNG
DAMAGE LEADING TO PULMONARY EDEM A AND BRONCHIAL PNEUMONIA.

Explanation of Carcinogenicity:INADEQUATE EVIDENCE AS A HUMAN
CARCINOGEN. RECENT STUDIES HAVE SHOWN DIESEL EXHAUST TO BE
POTENTIALLY CARCINOGENIC.

Effects of Overexposure:RESPIRATORY TRACT IRRITATION. MAY CAUSE NAUSEA,
CRAMPING, HEADACHES, COUGHING OR GAGGING AND DEPRESSION
OF THE
CENTRAL NERVOUS SYSTEM.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTION-DO NOT INDUCE VOMITING. IMMEDIATELY SEEK MEDICAL
ATTENTION. GIVE WATER TO DILUTE, IF CONSCIOUS. INHALATION-MAINTAIN
RESPIRATIONS, ASSISTS WITH ARTIFICIAL RESPIRATION IF NEEDED AND
GIVE OXYGEN IF AVAILABLE. SEEK MEDICAL ATTENTION.EYES-FLUSH EYES
WITH WATER FOR AT LEAST 15 MIN. SEEK MEDICAL
ATTENTION. SKIN-REMOVE
DIESEL SOAKED CLOTHING. WASH SKIN WITH SOAP & WATER. SEE PHYSICIAN.

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

Flash Point Method:PMCC
Flash Point:140F,60C
Lower Limits:0.7
Upper Limits:5.0
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, HALON.
Fire Fighting Procedures:MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE.
USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. USE FOAM FOR SPILL
CONTROL.
Unusual Fire/Explosion Hazard:EVACUATE

A RADIUS OF 1500 FT FOR
UNCONTROLLED FIRES. VAPORS ARE HEVIER THAN AIR & MAY TRAVEL GREATER
DISTANCES & FLASH BACK. EXTINGUISH ONLY IF FLOW CAN BE STOP

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN
SPILL. USE WATER FOG TO SUPPRESS VAPOR CLOUD. USE SCBA TO AVOID
BREATHING VAPORS. ABSORB LIQUID WITH SAND OR CLAY.

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

Handling

and Storage Precautions:ALL EQUIPMENT & STORAGE CONTAINERS
SHOULD BE PROPERLY GROUNDED. THIS MATERIAL IS SUBJECT TO OSHA & DOT
REGULATIONS.

Other Precautions:AVOID BREATHING VAPORS. VAPORS MAY BE EXPLOSIVE. DO
NOT WELD ON CONTAINERS UNLESS PROPERLY CLEANED & PURGED USING SAFE
WORK PROCEDURES. TRACE AMOUNTS OF HYDROGEN SULFIDE MAY BE PRESENT
IN THE PRODUCT.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RES
PIRATORY PROTECTION

IN AREAS EXCEEDING EXPOSURE LIMITS, THE TYPE TO BE DETERMINED BY
THE DEGREE OF EXPOSURE.

Ventilation:USE IN WELL VENTILATED ARE TO PROVIDE VENTILATION TO LIMIT
EXPOSURE TO ACCEPTABLE LEVELS.

Protective Gloves:RUBBER GLOVES.

Eye Protection:GOGGLES OR SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:COVERALLS.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AS SOON AS
POSSIBLE. ALWAYS WASH AFTER HANDLING HAZARDOUS CHEMICALS.

Supplemental Safety and
Health

THIS PRODUCT CONTAINS A TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE
REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

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

HCC:F4

Boiling Pt:B.P. Text:315-575F

Vapor Pres:25 MMHG

Vapor Density:N.A.

Spec Gravity:0.7-0.8

Evaporation Rate & Reference:NDA

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR TO YELLOW LIQUID. OILY, PE

TROLEUM ODOR.
Percent Volatiles by Volume:N.A.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
SULFUR DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH RCRA REGULATIONS. DO
NOT PUT IN SEWER OR AND WAT
ER COURSE.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
partic
ular situation.