

GIANT REFINING CO -- DIESEL FUEL 2 -- 9140-00-286-5297

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

Product ID:DIESEL FUEL 2

MSDS Date:01/01/1991

FSC:9140

NIIN:00-286-5297

MSDS Number: BKPHR

=== Responsible Party ===

Company Name:GIANT REFINING CO

Address:ROUTE 3 BOX 7

City:GALLUP

State:NM

ZIP:87301

Country:US

Info Phone Num:505-722-3833

Emergency Phone Num:505-722-3833

CAGE:7W236

=== Contractor Identifica

tion ===

Company Name:GIANT REFINING CO

Address:ROUTE 3 BOX 7

Box:City:GALLUP

State:NM

ZIP:87301

Country:US

Phone:505-722-3833

CAGE:7W236

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

Ingred Name:DIESEL FUEL OIL NO. 2-D (ADDITIVES, ETC 99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

=====
Hazards Identification
=====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 7500 MG/KG

Routes of Entry: Inhala

tion:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:SLIGHT IRRITATION.SKIN:MAY
CAUSE REDNESS & IRRITATION.INHALATION:MAY CAUSE MUCOUS MEMBRANE
IRRITATION.HIGH LEVELS MAY CAUSE CNS
DEPRESSION:HEADACHE,DIZZINESS,ANOREXIA,VOMITING,LOSS OF COORDI
NATION.INGESTION:MAY CAUSE NAUSEA,CRAMPING,DIARRHEA,CNS
DEPRESSION.ASPIRATION->PULMONARY EDEMA.CHRONIC-SEE NEXT SECTION.
Effects of Overexposure:CHRONIC-INHALAT
ION:MAY CAUSE IRRITATION.MAY
HAVE NEPHROTOXIC EFFECTS.SKIN:IRRITATION & DERMATITIS.EYE:MAY CAUSE
IRRITATION.INGESTION:NO DATA AVAILABLE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL CARE.INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF
NEEDED.EYE/SKIN:FLUSH WITH WATER FOR 15-20 MINUTES.WASH SKIN WITH
SOAP & WATER.INGESTION:DON'T INDUCE VOMITING.IF VOMITING
STARTS,KEEP
HEAD LOWER THAN HIPS.GASTRIC LAVAGE SHOULD BE
PERFORMED BY QUALIFIED MEDICAL PERSONNEL ONLY IF 1 MG/KG IS
INGESTED(DREISBACH,HANDBOOK OF POISONING,11TH EDITION).

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

Flash Point:>125F,>52C
Autoignition Temp:Autoignition Temp Text:>475F
Lower Limits:0.6
Upper Limits:7.5
Extinguishing Media:CO2,STANDARD FOAM,HALON,OR DRY CHEMICAL.SOLID
STREAM OF WATER MAY BE INEFFECTIVE.COOL CONTAINERS WITH WATER FOG.
Fire Fighting Pr
ocedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS.EXTINGUISH ONLY IF
FLOW CAN BE STOPPED.STAY FAR AND UPWIND.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES.STOP LEAK IF
POSSIBLE WITHOUT RISK.TAKE UP SMALL SPILLS WITH SAND/OTHER
ABSORBENTS & PLACE INTO CONTAINERS FOR DISPOSAL.FOR LARGE
SPILLS

,DIKE FAR AHEAD OF SPILL FOR LATER DIS POSAL.USE WATER SPRAY TO REDUCE VAPORS.

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

Handling and Storage Precautions:STORAGE-STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:THIS MATERIAL MAY BE IGNITED BY ELECTROSTATIC SPARKS. STORE IN ACCORDANCE WITH 29 CFR 1910.106. STORE IN CONTAINERS WHICH MEET THE BONDING & GROUNDING GUIDELINES SPECIFIED IN NFPA 77-1983.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED SUPPLIED-AIR RESPIRATOR FOR EMERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR PETROLEUM-BASED MATERIALS MAY BE USED WHEN GLOVES ARE IMPRACTICAL.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:350F,177C

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Vapor Pres

:1

Vapor Density:>1

Spec Gravity:0.87 - 0.90

Viscosity:32.6-40.1 SSU

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS TO YELLOW BROWN LIQUID, MILD PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:TOXIC OXIDES OF CARBON

=====
===== Disposal Consideration =====

ns =====

Waste Disposal Methods: EPA HAZARDOUS WASTE NUMBER D001. STORAGE, AND/OR DISPOSAL OF WASTE ARE REGULATED AND ACTION TO HANDLE OR DISPOSE OF SPILLED OR RELEASED MATERIALS MUST MEET ALL APPLICABLE LOCAL, STATE AND FEDERAL RULES & REGULATION.

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 particular situation.