

GIANT REFINING CO -- DIESEL FUEL 2 -- 9140-00-286-5296

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

Product ID:DIESEL FUEL 2

MSDS Date:01/01/1991

FSC:9140

NIIN:00-286-5296

MSDS Number: BKPHN

=== 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 ===

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Address:ROUTE 3 BOX 7

Box:City:GALLUP

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===== 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 DISPOSAL.USE WATER SPRAY TO REDUCE VAPORS.

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===== 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.

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===== 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

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===== 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

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===== 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

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

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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.

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