

GOLDEN WEST REFINING COMPANY -- NO 2 DIESEL FUEL -- 9140-00-286-5296

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

Product ID:NO 2 DIESEL FUEL

MSDS Date:09/29/1989

FSC:9140

NIIN:00-286-5296

MSDS Number: BKNVG

=== Responsible Party ===

Company Name:GOLDEN WEST REFINING COMPANY

Address:13538 EAST FOSTER ROAD

City:SANTA FE SPRINGS

State:CA

ZIP:90670

Country:US

Info Phone Num:213-921-3581/CHEMTREC 800-424-9300

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mergency Phone Num:213-921-3581/LA POISON 213-664-2121

Preparer's Name:D.C. MARKIE

CAGE:41982

=== Contractor Identification ===

Company Name:GOLDEN WEST REFINING COMPANY

Address:13538 EAST FOSTER ROAD

Box:City:SANTA FE SPRINGS

State:CA

ZIP:90670

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Phone:213-921-3581/LA POISON 213-664-2121

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

Ingred Name:GAS OILS, STRAIGHT RUN (INTERMEDIATE)

CAS:64741-43-1

Other REC Limits:100 PPM

===== Hazar

ds Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and

Chronic:ACUTE-EYE:VAPORS->IRRITATION;LIQUID->BURNING,TEARING &
REDNESS.SKIN:IRRITATION.PROLONGED/REPEATED CONTACT MAY CAUSE
BURNING,REDNESS,DERMATITIS & SKIN
DAMAGE.INHALATION:MIST/VAPOR->IRRITATION OF NOSE,T
HROAT,RESPIRATORY TRACT & CNS
DEPRESSION(HEADACHE,NAUSEA,DIZZINESS).INGESTION:SEE
INHAL

ATION.CHRONIC-SKIN CANCER(ANIMAL)

Explanation of Carcinogenicity:LONG-TERM SKIN APPLICATION OF SIMILARLY
& PROCESSED PETROLEUM DISTILLATES HAVE BEEN SHOWN TO CAUSE SKIN
CANCER IN ANIMAL

Effects of Overexposure:THIS MATERIAL IS AN ASPIRATION HAZARD,A SKIN
IRRITANT AND MAY BE A SKIN CANCER HAZARD BASED ON TESTS WITH
LABORATORY ANIMALS. PRIMARY EXPOSURE ROUTE IS SKIN CONTACT.
INHALATION IF VAPORS OR MISTS ARE GENERATED.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, LIV
ER, KIDNEY
AND RESPIRATORY CONDITIONS.

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

First Aid:GET MEDICAL CARE.INHALATION:REMOVE TO FRESH AIR.GIVE
CPR/OXYGEN IF NEEDED.EYE/SKIN:FLUSH WITH WATER.WASH SKIN WITH SOAP
& WATER.INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK
MILK/WATER.

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

Flash Point Method:TCC

Flash Point:125F,52C

Autoignition Temp:Autoignition Temp Text:494F

Lower Limit

s:0.5

Upper Limits:5.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.USE WATER TO DISPERSE VAPORS,TO FLUSH UNIGNITED & PROTECT
PERSONNEL

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CARBON DIOXIDE, CARBON MONOXIDE AND WATER
VAPOR.VAPORS MAY TRAVEL TO IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:PICK UP SMALL SPILLS/RESIDUE WITH INERT
ABSORBENT.FOR LARGE SPILLS,WEAR PROTECTIVE EQUIPMENT.REMOVE ALL
IGNITION SOURCES.DIKE & CONTAIN SPILLS.DON'T ALLOW SPILLS TO ENTER
SEWERS,STREAMS ETC.PROVIDE EX PLOSION-PROOF VENTILATION.PICK UP
SPILLS.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,DRY
WELL-VENTILATED AR

EA IN CLOSED CONTAINER AWAY FROM HEAT,IGNITION
SOURCES & OXIDIZERS.

Other Precautions:ELECTRICALLY BOND & GROUND CONTAINERS WHEN
TRANSFERRING MATERIAL.EMPTY CONTAINERS RETAIN MATERIAL RESIDUE
AND,IF HEATED,MAY GENERATE VAPORS WHICH CAN IGNITE &
EXPLODE.COMPLETLY DRAIN & COMMERCIALLY CLEAN BEFORE REUSE.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY
EXCEED THE RECOMMENDED EXPOSURE LIMIT
S, 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

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

Vapor Pres:LOW

Vapor Density:> 1

Spec Gravity:0.85 - 0.90

Viscosity:33 - 40 SSU

Evaporation Rate & Reference: