

COASTAL CORP -- DIESEL FUEL NO. 2 -- 9140-00-000-0184

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

Product ID:DIESEL FUEL NO. 2

MSDS Date:03/22/2000

FSC:9140

NIIN:00-000-0184

MSDS Number: BRZXD

=== Responsible Party ===

Company Name:COASTAL CORP

Address:9 GREENWAY PLAZA

City:HOUSTON

State:TX

ZIP:77046

Country:US

Info Phone Num:713-877-6732 / FAX 713-877-6754

Emergency Phone Num:713-877-1400

Resp. Party Oth

er MSDS Num.:MSDS NUMBER: A0006.MSD

Preparer's Name:DELNO D. MALZAHN, CIH

Chemtrec Ind/Phone:(800)424-9300

CAGE:46684

==== Contractor Identification ===

Company Name:COASTAL CORP

Address:9 GREENWAY PLAZA

Box:City:HOUSTON

State:TX

ZIP:77046

Country:US

Phone:713-877-6732

CAGE:46684

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

Ingred Name:PETROLEUM MID-DISTILLATE

CAS:68476-34-6

= Wt:100.

Other REC Limits:NONE RECOMMENDED

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

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LD50 LC50 Mixture:NONE PROVIDED BY MFR

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

Health Hazards Acute and Chronic:ACUTE: EYE: SLIGHT TO MODERATE EYE IRRITATION. SKIN: MODERATELY TO EXTREMELY IRRITATING. INHALATION: INHALATION CAN BE IRRITATING TO THE MUCOUS MEMBRANE AND RESPIRATORY TRACT. INGESTION: GASTRIC IRRITATION. ASPIRATION HAZARD IF VOMITING OCCURS. CHRONIC: PROLONGED AND REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:

NONE PROVIDED BY MFR

Effects of Overexposure:SKIN: REDNESS, DRYING TO BURNS OR BLISTERING OF SKIN. INHALATION: WILL PRODUCE SYMPTOMS OF INTOXICATION SUCH AS HEADACHE, DIZZINESS, NAUSEA, VOMITING, LOSS OF COORDINATION. INGESTION: ABDOMINAL PAIN, MILD EXCITATION, LOSS OF CONSCIOUSNESS, CONVULSION, CYANOSIS, CONGESTION AND CAPILLARY HEMORRHAGING OF THE LUNG AND INTERNAL ORGANS.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING DERMATITIS.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, INCLUDING UNDER THE EYELIDS. CONTACT A PHYSICIAN IMMEDIATELY, PREFERABLY AN OPHTHALMOLOGIST. SKIN: COOL THE EXPOSED AREA IMMEDIATELY. REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS, HOLD THE VICTIMS HEAD LOWER THAN THEIR HIPS TO PREVENT ASPIRATION.

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

Flash Point Method:PMCC

Flash Point:51.7C, 125.F

Autoignition Temp:257.2C, 495.F

Lower Limits:0.6

Upper Limits:7.5

Extinguishing Media:DRY CHEMICAL, FORM CARBON DIOXIDE, AND WATER.

Fire Fighting Procedures:USE A WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. USE A SMOTHERING TECHNIQUE FOR EXTINGUISHING

SHING FIRES OF

THIS COMBUSTIBLE LIQUID. DO NOT USE A FORCE WATER STREAM DIRECTLY ON OIL FIRES AS THIS WILL TEND TO SCATTER THE FIRE. FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: FLOWING OIL CAN BE IGNITED BY SELF GENERATED STATIC ELECTRICITY.

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

Spill Release Procedures: REMOVE SOURCES OF HEAT OR IGNITION INCLUDING INTERNAL COMBUSTION ON ENGINES AND POWER TOOLS. REMOVE SPILL WITH VACUUM TRUCKS OR PUMP AND SOAK UP RESIDUE WITH AN INERT ABSORBENT. DO NOT FLUSH TO SEWERS OR SURFACE WATER. VENTILATE AREA AND AVOID BREATHING VAPORS OR MISTS.

Neutralizing Agent: NONE PROVIDED BY MFR

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

Handling and Storage Precautions: STORE IN TIGHTLY CLOSED CONTAINERS IN A DRY, COOL PLACE, AWAY FROM INCOMPATIBLE SUBSTANCES OR SOURCES OF HEAT OR IGNITION. GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT TO PREVENT STATIC SPARKS AND EQUIP WITH SELF-CLOSING VALVES, PRESSURE VACUUM BUNGS AND FLAME ARRESTORS.

Other Precautions: EMPTY CONTAINERS CAN CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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

Respiratory Protection: USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT FOR CLEANING LARGE SPILLS OR ENTRY INTO LARGE TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation: PROVIDE ADEQUATE GENERAL AND LOCAL VENTILATION TO MAINTAIN AIRBORNE CHEMICAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS GLOVES

Eye Protection: REMOVE CONTACT LENS, WEAR CHEMICAL SAFETY GLASSES OR GOGGLES

Other Protective Equipment: HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE

LE.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING PRIOR TO REUSE.

WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

NONE PROVIDED BY MFR

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

HCC:F4

Boiling Pt:B.P. Text:300F-675F

Decomp Temp:Decomp Text:NONE PROVIDED BY MFR

Vapor Pres:< 0.5 MMGH @ 20 DEG C

Vapor Density:8(AIR=1)

Spec Gravity:0.87 @ 60/60F

Viscosity:1.9-4.1 CST @ 40 DEG C

Evaporation Rate & Reference:0.01(B

UTYL ACTEATE=1)

Solubility in Water:INSOLUBLE.

Appearance and Odor:CLEAR TO AMBER, BLUE OR RED LIQUID, MILD PETROLEUM
ODOR

Corrosion Rate:NONE PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:STABLE UNDER NORNAL CONDITIONS OF USE.

AVOID HEAT, SPARKS, FLAMES AND BUILD-UP OF STATIC ELECTRICITY.

Hazardous Decomposition Products:CO, CO2, SO2, HYDROCARBONS

Condi

tions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE THROUGH A LICENSED WASTE DISPOSAL
COMPANY. FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOMESTIC: DIESEL FUEL, 3, NA1993, PACKING GROUP
III. INTERNATIONAL: PETROLEUM DISTILLATES, NOS, 3, UN1268, PACKING
GROUP III.

===== Regulatory

Information =====

SARA Title III Information:SECTION 302 EPCRA EXTREMELY HAZARDOUS
SUBSTANCES (EHS): NONE. SECTION 304 CERCLA HAZARDOUS SUBSTANCES:
BENZENE, CAS# 71-43-2, 0-5.0 %, RQ 10 LB; TOLUENE CAS# 108-88-3,
0-25.0%, RQ 1000 LB; XYLENE, CAS# 1330-20-7, 0-25.0%, RQ 100 LB;
ETHYL BENZENE, 100-41-4, 0-5.0%, RQ 1000 LB; N-HEXANE, 110-54-3,