

COASTAL CORP -- DIESEL MARINE FUEL -- 9140-00-273-2378

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Product Identification
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Product ID:DIESEL MARINE FUEL
MSDS Date:03/26/1990
FSC:9140
NIIN:00-273-2378
MSDS Number: BQNDC
=== Responsible Party ===
Company Name:COASTAL CORP
Address:9 GREENWAY PLAZA
City:HOUSTON
State:TX
ZIP:77046
Country:US
Info Phone Num:713-877-1400
Emergency Phone Num:713-877-1400
Preparer's Name:DELNO D. MALZAHN
, CIH
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
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Ingred Name:PETROLEUM MID-DISTILLATE
CAS:68476-34-6
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification
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Routes of Entry

: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MODERATE EYE AND SKIN
IRRITATION, UPPER RESPIRATORY SYSTEM IRRITATION AND CENTRAL NERVOUS
SYSTEM EFFECTS, ASPIRATION HAZARD IF SWALLOWED. CHRONIC:
DERMATITIS. MIDDLE DISTILLATES HAVE CAUSED SKIN CANCER AND KIDNEY
DAMAGE IN LABORATORY ANIMALS.

Explanation of Carcinogenicity:WHOLE DIESEL "EXHAUST" REGARDED BY NIOSH
AS POTENTIAL OCCUPATIONAL CARCINOGEN.

Effects of Overexposure:INHALATION: COUGHING, SHORTNESS OF BREATH,
DIZZINESS, NAUSEA, FATIGUE, UNCOORDINATION. EYES: REDNESS, TEARING,
BLURRED VISION. SKIN: REDNESS, BLISTERING, SWELLING. INGESTION:
NAUSEA, DIARRHEA, VOMITING, ABDOMINAL DISCOMFORT. ASPIRATION INTO
LUNGS MAY CAUSE HEMORRHAGING, PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS.

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

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First Aid:EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR.
SKIN: REMOVE CONTAMINATED CLOTHING, FLUSH WITH WATER FOR 15
MINUTES. GET MEDICAL ATTENTION. INHALATION: REMOVE FROM EXPOSURE.
RESUSCITATE OR GIVE OXYGEN IF NEEDED. GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD
LOWER THAN HIPS TO PREVENT ASPIRATION. SEE DOCTOR IMMEDIATELY.

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

Flash Point Method:PMCC
Flash Point:125F,52C
Lower Limits:0.6
Upper Limits:7.5
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
WATER OR FOAM MAY CAUSE FROTHING AND SCATTER THE FIRE.
Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS,
ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO COOL FIRE
EXPOSED CONTAINERS AND EQUIPMENT.
Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR. CAN TRAVEL A
LONG DISTANCE ALONG GROUND AND FLASHBACK. FLOWING FLUID CAN BE
IGNITED

TED BY SELF-GENERATED STATIC ELECTRICITY.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE SCBA OR SUPPLIED AIR IN CONFINED AREAS. CONTAIN SPILL. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO SEWERS AND WATERWAYS. AVOID CONTACT WITH SKIN, EYES, CLOTHING.

Neutralizing Agent:NONE

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

Handling and Storage P

Precautions:STORE IN CLOSED CONTAINERS IN A DRY, COOL PLACE, AWAY FROM IGNITION SOURCES AND INCOMPATIBLE MATERIALS. GROUND AND BOND ALL CONTAINERS.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND CAN BE HAZARDOUS. DO NOT CUT OR WELD. DO NOT PRESSURIZE, CUT, WELD, OR EXPOSE TO OPEN FLAME OR HEAT. CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE SCBA OR SUPPLIED AIR RESPIRATOR IF A LARGE SPILL OCCURS OR SPILL IS IN CONFINED SPACE OR ENCLOSED AREA.

Ventilation:LOCAL EXHAUST IS RECOMMENDED IF GENERATING MIST OR VAPOR, PARTICULARLY IN ENCLOSED AREAS.

Protective Gloves:NITRILE GLOVES.

Eye Protection:GOGGLES. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS OR COVERALLS. EYE WASH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DRY CLEANING OF CONTAMINATED

CLOTHING MAY BE MORE EFFECTIVE THAN NORMAL LAUNDERING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ASPIRATION DURING EMESIS CAN DAMAGE LUNGS. TO EVACUATE STOMACH USE GASTRIC LAVAGE AFTER ENDOTRACHEAL INTUBATION.

NOTE: POUR POINT FROM "TIR". NOTE: CHECK FOR COMBUSTIBLE VAPORS PRIOR TO AND DURING WELDING AND TORCH CUTTING ON TANKS AND VESSELS.

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

HCC:F4

Boiling Pt:B.P. Text:430F,221C

Melt/Freeze Pt:M.P/F.P

Text: