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

Product ID:DIESEL FUEL 1  
MSDS Date:03/09/1992  
FSC:9140  
NIIN:00-274-1912  
MSDS Number: BQNDG  
=== 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:CLIFFORD D. SALAWAGE  
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:PARAFFINIC HYDROCARBONS  
Fraction by Wt: 50%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:OCTANE (INCLUDED IN INGREDIENT 1)  
CAS:111-65-9  
RTECS #:RG8400000  
Fraction by Wt: 1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM/375 STEL  
ACGIH TLV:300 PPM/375STEL;9293

Ingred Name:NONANE (INCLUDED IN INGREDIENT 1)

CAS:111-84-2  
RTECS #:RA6115000  
Fraction by Wt: 3.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM; 9293

Ingred Name:NAPHTHENES  
Fraction by Wt: 33.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:AROMATIC HYDROCARBONS  
Fraction by Wt: 17.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III) (INCLUDED IN INGREDIENT 5)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 0.8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1PPM/5STEL;1910.1028  
ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA III) (INCLUDED IN INGREDIENT 5)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:P-XYLENE (P-DIMETHYLBENZENE) (SARA III) (INCLUDED IN  
INGREDIENT 5)  
CAS:106-42-3  
RTECS #:ZE2625000  
Fraction by Wt: 1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9

293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:M-XYLENE (M-DIMETHYLBENZENE) (SARA III) (INCLUDED IN INGREDIENT 5)

CAS:108-38-3

RTECS #:ZE2275000

Fraction by Wt: 3.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:O-XYLENE (O-DIMETHYLBENZENE) (SARA III) (INCLUDED IN INGREDIENT 5)

CAS:95-47-6

RTECS #:ZE2450000

Fraction by Wt: 1.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100PP

M/150 STEL

ACGIH TLV:100 PPM/150STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:1,3,5 TRIMETHYLBENZENE (MESITYLENE) (INCLUDED IN INGREDIENT 5)

CAS:108-67-8

RTECS #:OX6825000

Fraction by Wt: 1.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III) (INCLUDED IN INGREDIENT 5)

CAS:95-63-6

RTECS #:DC3325000

Fraction by Wt: 3.8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM; 9293

Ingred Name:1

,2,3 TRIMETHYLBENZENE (INCLUDED IN INGREDIENT 5)

CAS:526-73-8

RTECS #:DC3300000

Fraction by Wt: 1.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM; 9293

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE: MODERATE TO SEVERE EYE

IRRITATION, MODERATE SKIN IRRITATION, UPPER RESPIRATORY SYSTEM  
IRRITAT

ION AND CENTRAL NERVOUS SYSTEM EFFECTS, ASPIRATION HAZARD IF  
SWALLOWED. CHRONIC: DERMATITIS. BENZENE MAY CAUSE BLOOD CHANGES  
LEADING TO ANEMIA AND LEUKEMIA. BENZENE IS ALSO A CANCER HAZARD.

Explanation of Carcinogenicity:CONTAINS B [71-43-2] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION: COUGHING, SHORTNESS OF BREATH,  
DIZZINESS, NAUSEA, FATIGUE, UNCONSCIOUSNESS, DEATH. EYES: REDNESS,  
TEARING, BLURRED VISION. SKIN: R

EDNESS, BLISTERING, SWELLING.

INGESTION: NAUSEA, DIARRHEA, VOMITING, ABDOMINAL DISCOMFORT.  
ASPIRATION INTO LUNGS MAY CAUSE HEMORRHAGING, PULMONARY EDEMA,  
POSSIBLE DEATH.

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

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

First Aid:EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR.

SKIN: REMOVE CONTAMINATED CLOTHING, FLUSH WITH WATER FOR 15  
MINUTES. GET MEDI

CAL 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.

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

Flash Point Method:PMCC

Flash Point:100F,38C

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 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 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:CHEMICAL-TYPE GOGGLES OR FACESHIELD.

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

WHOLE DIESEL EXHAUST IS A POTENTIAL CARCINOGEN. MINIMIZE EXPOSURE. NOTE TO PHYSICIAN: ASPIRATION

DURING EMESIS CAN DAMAGE LUNGS. TO

EVACUATE STOMACH USE GASTRIC LAVAGE AFTER ENDOTRACHEAL INTUBATION.

NOTE: PETROLEUM DISTILLATES HAVE PRODUCED KIDNEY AND LIVER DAMAGE  
IN LABORATORY ANIMALS. NOTE: POUR POINT FROM "TIR".

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

HCC:F4

Boiling Pt:B.P. Text:300F,149C

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