

COASTAL CORP -- DIESEL FUEL 1 -- 9140-00-273-2378

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

Product ID:DIESEL FUEL 1
MSDS Date:03/09/1992
FSC:9140
NIIN:00-273-2378
MSDS Number: BQNDB
=== 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

===== 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:30

0 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;9293
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
Frac
tion by Wt: 1.4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100PPM/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

===== 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
IRRITATIO
N, MODERATE SKIN IRRITATION, UPPER RESPIRATORY SYSTEM
IRRITATION 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: REDNESS, 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.

===== 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 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: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: