

COASTAL CORP -- UNLEADED GASOLINE -- 9130-00-148-7103

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

Product ID:UNLEADED GASOLINE  
MSDS Date:06/22/2000  
FSC:9130  
NIIN:00-148-7103  
=== 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  
Resp. Party Other MSDS Num.:MSDS NO: A0001.MSD  
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

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

Ingred Name:BENZENE (SARA III)  
CAS:71-43-2  
RTECS #:CY1400000  
Minumum % Wt:0.  
Maxumum % Wt:5.  
Other REC Limits:5 PPM STEL (MFG)  
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)  
CAS:108-88-3  
RTECS #:XS5250000  
Minumum % Wt:0.  
Maxumum % Wt:25.  
Other REC Limits:150 PPM STEL (MFG)  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000

Minumum % Wt:0.  
Maxumum % Wt:25.  
Other REC Limits:150 PPM STEL (MFG)  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
Minumum % Wt:0.  
Maxumum % Wt:25.  
Other REC Limits:125 PPM STEL (MFG)  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)  
CAS:110-54-3  
RTECS #:MN9275000  
< Wt:3.5  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:HEXANES (OTHER THAN N-HEXANE)  
< Wt:9.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:500 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)  
CAS:95-63-6  
RTECS #:DC3325000  
Minumum % Wt:0.  
Maxumum % Wt:5.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM; 9293

Ingred Name:CUMENE (SARA III)  
CAS:98-82-8  
RTECS #:GR8575000  
Minumum % Wt:0.  
Maxumum % Wt:2.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM AS S  
ACGIH TLV:50 PPM AS S  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:BUTANE  
CAS:106-97-8

RTECS #:EJ4200000  
< Wt:9.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:800 PPM  
ACGIH TLV:800 PPM; 9293

Ingred Name:PENTANE  
CAS:109-66-0  
RTECS #:RZ9450000  
< Wt:6.5  
Other REC Limits:750 PPM STEL (MFG)  
OSHA PEL:1000 PPM/750 STEL  
ACGIH TLV:600 PPM/750STEL;9293

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)  
CAS:75-65-0  
RTECS #:EO1925000  
Minumum % Wt:0.  
Maxumum % Wt:10.  
Other REC Limits:150 PPM STEL (MFG)  
OSHA PEL:100 PPM  
ACGIH TLV:100PPM 9394

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)  
CAS:1634-04-4  
RTECS #:KN5250000  
Minumum % Wt:0.  
Maxumum % Wt:15.  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NONE PROVIDED BY MFR  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE: EYES: SLIGHT TO MODERATE EYE  
IRRITATION. SKIN: MODERATELY IRRITATING. INHALATION: IRRITATING TO  
MUCOUS MEMBRANE AND RESPIRATORY TRACT. CAN ACT AS A SIMPLE  
ASPHYXIAN. INGESTION: MAY CAUSE STOMA CH IRRITATION. CHRONIC: SKIN  
AND EYE IRRITATION. MAY AFFECT THE RESPIRATORY AND CENTRAL NERVOUS  
SYTEM. RECENT STUDIES INDICATE KIDNEY DAMAGE AND KIDNEY CANCER IN  
RATS, AND LIVER CANCER IN MICE.  
Explanation of Carcinogenicity:CARCINOGENICITY: UNLEADED GASOLINE- NTP,  
NO; IARC MONOGRAPHS, POSSIBLE CARCINOGENIC TO HUMANS; OSHA  
REGULATED, NO. BENZENE- NTP, YES; IARC MONOGRAPHS, YES; OSHA  
REGULATED, YES.  
Effects of Overexposure:SKIN: REDNESS, DRYING OF THE SKIN. INHALATION:  
GASTRITIS, HEADACHE, NAUSEA, DROWSINESS, LOSS OF CONCIOUSNESS,  
CONVULSIONS, CYANOSIS, PNEUMONITIS, PULMONARY EDEMA, CENTRAL  
NERVOUS SYSTEM DEPRESSION AND CAPILLARY HEMORRHAGING OF THE LUNG  
AND INTERNAL ORGANS. ASPIRATION HAZARD IF VOMITING OCCURS.  
Medical Cond Aggravated by Exposure:EITHER CONCENTRATED OR DILUTE FORMS  
OF THIS PRODUCT AT TLV(OR EVEN BELOW) MAY AGGRAVATE EXISTING  
DERMATITIS OR RESPIRATORY DISORDERS. BENZENE DEGENERATES BLOOD  
PRODUCING ORGANS LEADING TO LEUKEMIA.



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

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection:REMOVE CONTACT LENSES & WEAR CHEMICAL SAFETY GLASSES OR GOGGLES

Other Protective Equipment:OIL IMPERVIOUS INDUSTRIAL WORK CLOTHING TO MINIMIZE SKIN CONTACT. EYE BATH AND SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

THE VARIABLE COMPOSITION MAKES IT IMPOSSIBLE TO SET SPECIFIC EXPOSURE LIMIT FOR ALL COMPOSITIONS OF THIS MATERIAL. SPECIFIC EXPOSURE LIMITS FOR POTENTIAL COMPONENTS SUCH AS BENZENE SHOULD BE APPLIED BASED ON AIR MONITORING TO ASSURE EMPLOYEES ARE NOT EXPOSED TO EXCESSIVE VAPOR LEVELS OF COMPONENTS.

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

HCC:F1

Boiling Pt:B.P. Text:80 TO 430 F

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

Decomp Temp:Decomp Text:NONE PROVIDED BY MFR

Vapor Pres:325-525 MMHG @ 100F

Vapor Density:3-4(AIR=1)

Spec Gravity:0.7-0.77 @ 60/60F

Viscosity:1.4CST@ 40 C

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BRONZE FLUID, AROMATIC ODOR

Percent Volatiles by Volume:100

Corrosion Rate:NONE PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS AND ALKALIES, HALOGENS.

Stability Condition to Avoid:HEAT, SPARKS, FLAME, BUILD-UP OF STATIC ELECTRICITY.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND HYDROCARBONS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:CONTACT WITH FULL STRENGTH OR EVEN DILUTE FORMULATIONS OF THIS PRODUCT OR EXPOSURE ABOVE AND/OR BELOW THE PEL OR TLV MAY AGGRAVATE PRE-EXISTING DERMATITIS OR RESPIRATORY DISORDERS IN CERTAIN INDIVIDUALS. THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF BENZENE IN HUMANS. BENZENE MAY CAUSE DEGENERATION IN BLOOD FORMING ORGANS LEADING TO ANEMIA WHICH MAY FURTHER DEGRADE TO LEUKEMIA. BUTANE AND ISOBUTANE HAVE BEEN SHOWN TO BE CARDIAC SENSITIZERS IN LABORATORY ANIMAL TESTING. N-HEXANE HAS BEEN SHOWN TO CAUSE POLYNEUROPATHY IN ANIMAL TOXICOLOGICAL TESTS.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE.

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

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

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

Transport Information:GASOLINE, 3, UN1203, PACKING GROUP II

=====  
===== 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, CA S# 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, <3.5, RQ 5000 LB; HEXANE (OTHER ISOMERS), <9.0%, RQ 5000 LB; CUMENE, CAS# 98-82-8, 0-2.0%, 5000 LB; M ETHYLT-BUTYL ETHER, CAS# 1634-04-4, 0-15.0%, RQ 1000 LB. SECTION 311/312 HAZARD CATEGORIZATION: ACUTE, CHRONIC, & FIRE. SECTION 313 EPCRA TOXIC SUBSTANCES: SEE OTHER INFORMATION SECTION.

State Regulatory Information:CALIFORNIA PROPOSITION 65 WARNING- CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM MAY BE FOUND IN CRUDE OIL AND PETROLEUM PRODUCTS. ALTHOUGH IT I S POSSIBLE TO SUFFICIENTLY REFIN E A CRUDE OIL OR ITS END PRODUCTS TO REMOVE THE POTENTIAL FOR CANCER, WE ARE ADVISING THAT ONE OR MORE OF THE LISTED CHEMICALS MAY BE PRESENT IN SOME DETECTABLE QUANTIT IES. READ AND FOLLOW DIRECTIONS AND USE CARE WHEN HANDLING CRUDE OIL AND PETROLEUM PRODUCTS.

=====  
===== Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.