

COASTAL CORP -- SUPER UNLEADED GASOLILNE -- 9130-00-148-7104

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

Product ID: SUPER UNLEADED GASOLILNE

MSDS Date: 02/26/1992

FSC: 9130

NIIN: 00-148-7104

MSDS Number: BQNNC

=== Responsible Party ===

Company Name: COASTAL CORP

Address: 9 GREENWAY PLAZA

City: HOUSTON

State: TX

ZIP: 77046

Country: US

Info Phone Num: 713-877-1400 / FAX 713-877-6754

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

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

Ingred Name: BENZENE (SARA III)

CAS: 71-43-2

RTECS #: CY1400000

Fraction by Wt: 0 - 5.0%

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)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 0-25.0%

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:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 0-25.0%

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:ETHYL BENZENE (SARA III)

CAS:100-41

-4

RTECS #:DA0700000

Fraction by Wt: 0-5.0%

Other REC Limits:NONE RECOMMENDED

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

Fraction by 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)

Fraction by Wt: < 9.0%

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

Fraction by Wt: 0-5.0%

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

Fraction by Wt: 2.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 50 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BUTANE

CAS:106-97-8

RTECS #:EJ4200000

Fraction by Wt: < 9.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:

800 PPM

ACGIH TLV:800 PPM; 9293

Ingred Name:PENTANE

CAS:109-66-0

RTECS #:RZ9450000

Fraction by Wt: < 6.5%

Other REC Limits:NONE RECOMMENDED

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

Fraction by Wt: 0-10.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100PPM 9394

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)

CAS:1634-04-4

RTECS #:KN5250000

Fraction by Wt: 0-15.0%

Other REC Limits:NONE REC

OMMENDED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:TLV 300 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:SLIGHT TO MODERATE EYE IRRITATION,
MODERATE SKIN IRRITATION, IRRITATING TO MUCOUS MEMBRANES &
RESPIRATORY TRACT, CENTRAL NERVOUS SYSTEM DEPRESSION, COMA,
RESPIRATORY ARREST, STOMACH IRRITATION, GA

STRI TIS, CAPILLARY

HEMORRHAGING OF THE LUNGSAND INTERANL ORGANS. ASPIRATION 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:EYE IRRITATION, SKIN IRRITATION/REDNESS/DRYING,
MUCOUS MEMBRANE IRRITATION, RESPIRATORY TRACT IRRITATION, HEADACHE,
NAUSEA, DROWSINESS, FATIGUE, PNEUMONITIS, PULMONARY EDEMA, LOSS OF
CONSIIOUSNESS, CON VULSIONS, CYANOSIS. RECENT STUDIES INDICATE

KIDNEY DAMAGE AND KIDNEY CANCER IN RATS AND LIVER CANCER IN MICE.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING
DERMATITIS OR RESPIRATORY DISORDERS IN CERTAIN INDIVIDUALS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN
IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH
WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE TO
FRESH AIR. IF BREATHING

HAS STOPPED, APPLY ARTIFICIAL RESPIRATION.

GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING.
IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL
ATTENTION.

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

Flash Point Method:TCC

Flash Point:-45F,-43C

Autoignition Temp:Autoignition Temp Text:495F

Lower Limits:1.4 %

Upper Limits:7.6 %

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE

Fire Fighting Procedures:USE A SMOTHERING TEC

HNIQUE FOR EXTINGUISHING

FIRE. DO NOT USE A FORCED WATER STREAM DIRECTLY AS WILL SCATTER FIRE. USE WATER SPRAY TO COOL FIRE-EXPOSED DRUMS.

Unusual Fire/Explosion Hazard:FLOWING GASOLINE CAN BE IGNITED BY SELF-GENERATED STATIC ELECTRICITY. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD WELL DOWNSTREAM FROM SOURCE.

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

Spill Release Procedures:REMOVE SOURCES OF HEAT OR IGNITION INCLUDING INTERNAL COMBUSTION

ENGINES AND POWER TOOLS. CLEAN-UP SPILL, BUT DO NOT FLUSH TO SEWER OR SURFACE WATER. VENTILATE AREA AND AVOID BREATHING VAPORS OR MISTS .

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STROE IN TIGHTLY CLOSED CONTAINERS IN A DRY, COOL PLACE, AWAY FROM INCOMPATIBLE MATERIALS OR SOURCES OF HEAT. PREVENT STATIC SPARKS.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUE; DO NOT

PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. GASOLINE IS TO BE USED AS MOTOR FUEL ONLY . NEVER USE AS CLEANING SOLVENT/DEGREASR

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:PROVIDE ADEQUATE VENTILATION TO KEEP CONCENTRATIONS BELOW ACCEPTABLE EXPOSURE LEVELS AND TO AVOID EXPLOSIVE ATMOSPHERES.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SAFETY GLASSES/GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING TO AVOID SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING. DO NOT SMOKE AROUND PRODUCT.

**Supplemental Safety and Health
USE EXPLOSION-PRO**

OF ELECTRICAL EQUIPMENT. EQUIP STORAGE CONTAINERS WITH
SELF CLOSING VALVES, PRESSURE VACUUM BUNGS AND FLAME ARRESTORS.
GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT TO PREVENT ST
ATIC SPARKS.

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

HCC:F1
Boiling Pt:=26.7C, 80.F
Vapor Pres:325-525
Vapor Density:3-4
Spec Gravity:0.70-0.77
Viscosity:1.4 CST
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:BRONZE FLUID, AROMATIC ODOR
Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, HALOGENS, STRONG ACIDS AND ALKALIES
Stability Condition to Avoid:HEAT, SPARKS, FLAMES AND BUILD-UP OF
STATIC ELECTRICITY
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
HYDROCARBONS

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

Waste Disposal Methods:PREVENT WASTE
FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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