

MATERIAL SAFETY DATA SHEETThe Coastal Corporation

Coastal Oil New York, Inc.
 Coastal Oil New England, Inc.
 Coastal Fuels Marketing, Inc.
 Coastal Mobile Refining Company
 Coastal Derby Refining Company
 Coastal Eagle Point Oil Company
 Coastal Mart, Inc.
 Coastal Refining & Marketing, Inc.

Coastal States Crude Gathering Co.
 Coastal States Trading, Inc.
 Coastal Unilube, Inc.
 Coscol Marine Corporation
 Coscol Petroleum Corporation
 Pacific Refining Company
 Western Fuel Oil Company
 Coastal Fuel Terminals, Inc.

Address: 9 Greenway Plaza
 Houston, TX 77046

Info Phone: (713) 877-1400
 Emergency Phone: (713) 877-1400

PRODUCT IDENTIFICATION

Trade Name: **Regular Gasoline**

Date Revised: 03-28-90

Synonyms: Leaded Gasoline, Petro, Motor Spirits
 Chemical Name and/or Family Description: A volatile blend of paraffinic, olefinic, and aromatic hydrocarbons for automotive fuel.
 DOT Hazard Class: Flammable liquid; UN 1203.

COMPOSITION

Product	CAS Number	% Wt	Occupational Exposure Limits*				Units
			OSHA PEL	ACGIH TLV	Other		
Gasoline, Regular	Mixture	100	300	300	500 STEL		ppm

Ingredient(s):							

Benzene	71-43-2	0-5.0	1	10	5 STEL		ppm
Toluene	108-88-3	0-25.0	100	100	150 STEL		ppm
Xylene	1330-20-7	0-25.0	100	100	150 STEL		ppm
Ethylbenzene	100-41-4	0-5.0	100	100	125 STEL		ppm
n-Hexane	110-54-3	0-3.0	50	50			ppm
Hexane (other isomers)	N.A.	<8.5	500	500	1000 STEL		ppm
1,2,4-Trimethyl Benzene	95-63-6	0-5.0	25	25			ppm
Cumene	98-82-8	1.0	50	50	SKIN		ppm
Cyclohexane	110-82-7	1.0	300	300			ppm
Butane	106-97-8	<9.0	800	800			ppm
Pentane	109-66-0	<5.0	600	600	750 STEL		ppm
t-Butyl Alcohol	75-65-0	0-10.0	100	100	150 STEL		ppm
Tetraethyl Lead & Tetramethyl Lead	Mixture	<0.0038	0.075	0.1	SKIN		mg/m ³
Methyl t-butyl Ether (MTBE)	1634-04-4	0-15.0	N.A.	N.A.	SKIN		mg/m ³

* = 8-Hr. TWA unless otherwise specified. SKIN = May be skin absorbed.
 STEL = Short Term Exposure Limit; 15 minutes. N.A. = Not Available.

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point 760 mmHg:	80-430°F	Melting Point:	Variable
Vapor Pressure mmHg @ 20C:	325-525	Vapor Density (Air=1):	3-4
Solubility in H2O %:	Negligible	pH:	N.A.
Specific Gravity 60/60F:	0.7-0.77	Evaporation Rate	N.A.
% Volatile by Volume:	100	Odor:	Aromatic odor
Viscosity (method, temp.):	1.4 @40C cSt	Appearance:	Bronze Fluid

FIRE AND EXPLOSION DATA

Flash Point: -45°F (TCC)
Flammable Limits in Air % by Vol. Lower: 1.4 Upper: 7.6
Autoignition Temperature: 495-850°F
Extinguishing Media: Dry chemical, foam, or carbon dioxide.
Special Fire Fighting Procedure: Use a smothering technique for extinguishing fire of this flammable liquid. Do not use a forced water stream directly on gasoline fires as this will scatter the fire. Use a water spray to cool fire-exposed containers. Firefighters should wear self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazard: Flowing gasoline can be ignited by self-generated static electricity; containers should be grounded and bonded. Runoff to sewer may create fire or explosion hazard well downstream from the source.

REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Conditions to Avoid/Incompatibility: Strong oxidizing agents, heat, spark, flame and build-up of static electricity, halogens, strong acids and alkalis.
Hazardous Decomposition Products: CO, CO₂, hydrocarbons and lead oxides.

HEALTH HAZARD DATA

Note: This product has not been tested by Coastal Corporation to determine its specific health hazards. Therefore, the information provided in this section includes health hazard information on the product components.

	<u>Carcinogenicity: NTP:</u>	<u>IARC Monographs:</u>	<u>OSHA Regulated:</u>
Regular Gasoline	No	No	No
Benzene	Yes	Yes	Yes

Occupational Exposure Limits: See COMPOSITION section.

Effects of Overexposure:Acute:

Eyes: Slight to moderate eye irritation.

Skin: Moderately irritating; causing redness, drying of skin.

Inhalation: Irritating to mucous membranes and respiratory tract. Can act as a simple asphyxiant. Overexposure to vapors may lead to headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression, coma and respiratory arrest.

Ingestion: Possible effects are stomach irritation, gastritis, headache, nausea, drowsiness, loss of consciousness, convulsions, cyanosis, pneumonitis, pulmonary edema, central nervous system depression, and capillary hemorrhaging of the lung and internal organs. Aspiration hazard if vomiting occurs.

Chronic: Skin and eye irritation. May affect the respiratory and central nervous system. Recent studies indicate kidney damage and kidney cancer in rats and liver cancer in mice.

Additional Medical and Toxicological Information: Contact with full strength or even dilute formulations of this product or exposure above and/or below the 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.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush thoroughly with water for at least 15 minutes, including under the eyelids. Contact a physician immediately, preferably an Ophthalmologist. Speed and thoroughness in rinsing eyes are important to avoid permanent injury.

Skin Contact: Remove contaminated clothing and shoes. Wash affected areas with soap and flush with large amounts of water for 15 to 20 minutes. Get immediate 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 hold the victim's head lower than hips to prevent aspiration.

SPECIAL PROTECTION INFORMATION

Eye Protection: Remove contact lenses and wear chemical safety glasses or goggles where contact with liquid or mist may occur.

Skin Protection: Wear impervious gloves when contact with skin may occur. Wear protective clothing to avoid skin contact.

Inhalation: Use approved respiratory protective equipment for cleaning large spills or upon entry into large tanks, vessels, and other designated confined spaces or in any situations where airborne concentrations may exceed occupational exposure limits.

Ventilation: Provide adequate general and local ventilation (1) to keep mist or vapors below allowable exposure levels, (2) to prevent formation of explosive atmosphere and (3) to prevent oxygen deficient atmospheres, especially in confined spaces.

SPILL OR LEAK AND DISPOSAL PROCEDURES

Spill 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.

Waste Disposal: Dispose through a licensed waste disposal company.
Follow federal, state and local regulations.

SPECIAL PRECAUTIONS AND COMMENTS

Storage Requirements: Store in tightly closed containers in a dry cool place, away from incompatible materials or sources of heat and ignition. Ground and bond all transfer and storage equipment to prevent static sparks and equip with self closing valves, pressure vacuum bungs and flame arrestors. Empty containers may contain residue (liquid/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death.

Other: Gasoline is to be used as motor fuel only. Never use as a cleaning solvent or degreaser. Use explosion-proof electrical equipment. No smoking should be allowed in area of use.

EPA SARA TITLE III INFORMATION

Section 311/312 Hazard Categorization

<u>Acute</u>	<u>Chronic</u>	<u>Fire</u>	<u>Pressure</u>	<u>Reactive</u>
X	X	X		

SARA Hazardous Substances

<u>Ingredient</u>	<u>CAS No.</u>	<u>%, wt</u>	<u>Sec 313</u>	<u>Sec 302</u>	<u>RQ, lb</u>	<u>TPQ, lb</u>
Benzene	71-43-2	0-5.0	X			
Toluene	108-88-3	0-25.0	X			
Xylene	1330-20-7	0-25.0	X			
Ethylbenzene	100-41-4	0-5.0	X			
Cumene	98-82-8	1.0	X			
Cyclohexane	110-82-7	1.0	X			
t-Butyl Alcohol	75-65-0	0-10.0	X			
Tetramethyl Lead	75-74-1	<0.0038		X	1	100
Tetraethyl Lead	78-00-2	<0.0038		X	10	100
Methyl t-Butyl Ether (MTBE)	1634-04-4	0-15.0	X			

Key: Sec 313 = Toxic Chemicals, Section 313
Sec 302 = Extremely Hazardous Substances (EHS), Section 302
RQ = Reportable Quantity of EHS
TPQ = Threshold Planning Quantity of EHS