

## 1. Identification

**Product identifier** Gasoline 91.3 CBOB

**Other means of identification**

**Product code** R00000022500

**Recommended use** Motor fuel.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

Toledo Refining Company, LLC  
1819 Woodville Road  
Oregon, OH 43616

**Telephone number** 419-698-6600

**Emergency telephone number** Chemtrec 800-424-9300

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 2
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1A
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1 (blood, bone marrow, central nervous system)
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
<b>OSHA defined hazards</b>	Not classified.	

**Label elements**



**Signal word** Danger

**Hazard statement** Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs (blood, bone marrow, central nervous system) through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

<b>Response</b>	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

### 3. Composition/information on ingredients

#### Substances

Chemical name	Common name and synonyms	CAS number	%
Gasoline 91.3 CBOB		8006-61-9	100

#### Constituents

Chemical name	CAS number	%
Toluene	108-88-3	0 - 30
Xylene	1330-20-7	0 - 25
Cyclohexane	110-82-7	0 - 9
1,2,4-Trimethylbenzene	95-63-6	0 - 5
Ethylbenzene	100-41-4	0 - 5
Naphthalene	91-20-3	0 - 5
n-Hexane	110-54-3	0 - 5
Benzene	71-43-2	0.1 - 4.9
Cumene	98-82-8	0 - 1

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

<b>Inhalation</b>	Move injured person into fresh air and keep person calm under observation. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim inhaled the substance. If breathing is difficult, give oxygen. Call a physician or poison control center immediately.
<b>Skin contact</b>	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
<b>Indication of immediate medical attention and special treatment needed</b>	Aspiration may cause pulmonary edema and pneumonitis. In case of shortness of breath, give oxygen. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Water may be an ineffective extinguishing medium.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Vapor may cause flash fire. Vapor is denser than air – flashback may be possible over considerable distances. The product can accumulate electrostatic charges, which may cause an electrical spark (ignition source).
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use full bunker gear including NIOSH-approved (or equal), full-face, self-contained breathing apparatus (SCBA) operated in positive pressure mode. Firefighters' protective clothing will provide only limited protection against liquid contact.
<b>Fire fighting equipment/instructions</b>	Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. Water spray should be used to cool structures and vessels. Use compatible foam to minimize vapor generation as needed. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Water runoff can cause environmental damage.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.
<b>Methods and materials for containment and cleaning up</b>	<p>ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Extinguish all flames in the vicinity. Keep combustibles (wood, paper, oil, etc.) away from spilled material.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Vapors may be controlled using a water fog. Remove with vacuum trucks or pump to storage/salvage vessels. Use explosion proof electric equipment.</p> <p>Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material.</p> <p>Clean surface thoroughly to remove residual contamination. Retain all contaminated water for removal and treatment.</p>
<b>Environmental precautions</b>	Contain spillages with sand, earth or any suitable adsorbent material. Prevent entry into waterways, sewer, basements or confined areas. Do not allow material to contaminate ground water system. Reporting of releases to appropriate regulatory agencies may be required.

## 7. Handling and storage

<b>Precautions for safe handling</b>	<p>Do not handle until all safety precautions have been read and understood. Consult with applicable standards such as NFPA 30, 'Flammable and Combustible Liquids Code'.</p> <p>Before entering storage tanks and commencing any operation in a confined area, check the atmosphere for oxygen content and flammability. Use only with adequate ventilation. Wear personal protective equipment. Do not breath gas/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash thoroughly after handling. Avoid release to the environment.</p>
<b>Conditions for safe storage, including any incompatibilities</b>	<p>The product is extremely flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. Keep away from all ignition sources including heat, sparks and flame. Use non-sparking tools and explosion-proof equipment as applicable. This material is a static accumulator. Avoid accumulation of static charges during transfers in metallic systems. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. These alone may be insufficient to remove static electricity.</p> <p>Flammable liquid storage. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Keep away from incompatible material. Keep away from food, drink and animal feedingstuffs.</p>

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Constituents	Type	Value
Benzene (CAS 71-43-2)	STEL	5 ppm
	TWA	1 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Constituents	Type	Value
Cumene (CAS 98-82-8)	PEL	245 mg/m3 50 ppm
Xylene (CAS 1330-20-7)	PEL	435 mg/m3 100 ppm
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3 100 ppm
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3 10 ppm
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3 500 ppm
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m3 300 ppm

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Constituents	Type	Value
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

#### US. ACGIH Threshold Limit Values

Constituents	Type	Value
Cumene (CAS 98-82-8)	TWA	50 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm
Benzene (CAS 71-43-2)	STEL	2.5 ppm
	TWA	0.5 ppm
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	25 ppm
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm
Naphthalene (CAS 91-20-3)	TWA	10 ppm
n-Hexane (CAS 110-54-3)	TWA	50 ppm
Cyclohexane (CAS 110-82-7)	TWA	100 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Constituents	Type	Value
Xylene (CAS 1330-20-7)	STEL	655 mg/m3
		150 ppm
Toluene (CAS 108-88-3)	STEL	560 mg/m3
		150 ppm
Benzene (CAS 71-43-2)	STEL	1 ppm
		125 mg/m3
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	25 ppm
		545 mg/m3
Ethylbenzene (CAS 100-41-4)	STEL	125 ppm
		75 mg/m3
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3

## US. NIOSH: Pocket Guide to Chemical Hazards

Constituents	Type	Value
n-Hexane (CAS 110-54-3)	TWA	15 ppm
		180 mg/m <sup>3</sup>
		50 ppm

### Biological limit values

#### ACGIH Biological Exposure Indices

Constituents	Value	Determinant	Specimen	Sampling Time
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
Benzene (CAS 71-43-2)	25 µg/g	S-Phenylmercapturic acid	Creatinine in urine	*
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedione, without hydrolysis	Urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines** Benzene: NIOSH Immediately dangerous to life or health (IDLH) concentration is 500 ppm.

#### US - California OELs: Skin designation

Benzene (CAS 71-43-2)	Can be absorbed through the skin.
Cumene (CAS 98-82-8)	Can be absorbed through the skin.
n-Hexane (CAS 110-54-3)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.

#### US - Minnesota Haz Subs: Skin designation applies

Cumene (CAS 98-82-8)	Skin designation applies.
Toluene (CAS 108-88-3)	Skin designation applies.

#### US - Tennessee OELs: Skin designation

Cumene (CAS 98-82-8)	Can be absorbed through the skin.
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#### US ACGIH Threshold Limit Values: Skin designation

Benzene (CAS 71-43-2)	Can be absorbed through the skin.
Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
n-Hexane (CAS 110-54-3)	Can be absorbed through the skin.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Cumene (CAS 98-82-8)	Can be absorbed through the skin.
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#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Cumene (CAS 98-82-8)	Can be absorbed through the skin.
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#### Appropriate engineering controls

Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and mists. Provide adequate general and local exhaust ventilation. Use explosion-proof equipment. Provide eyewash station and safety shower.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear safety glasses. If splash potential exists, wear full face shield and/or chemical goggles.

##### Skin protection

###### Hand protection

Wear protective gloves. Consult glove manufacturer for appropriate glove material and construction based on expected exposure scenario.

###### Other

Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact chemical protective clothing manufacturer for specific information. Flame retardant protective clothing is recommended.

**Respiratory protection** Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

**Thermal hazards** Not applicable.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.  
**Form** Liquid.  
**Color** Clear to light tan.

**Odor** Gasoline.

**Odor threshold** < 1 ppm

**pH** Not available.

**Melting point/freezing point** -130.9 °F (-90.5 °C)

**Initial boiling point and boiling range** 80 - 437 °F (26.67 - 225 °C)

89.6 - 410 °F (32 - 210 °C)

**Flash point** -40.0 °F (-40.0 °C) estimated

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** 1.5 %

**Flammability limit - upper (%)** 7.6 %

**Vapor pressure** 325 - 775 mm Hg (20°C)

**Vapor density** 3.4

**Relative density** 0.74

### Solubility(ies)

**Solubility (water)** Insoluble  
Nil to 15%

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 482 °F (250 °C)  
536 °F (280 °C)

**Decomposition temperature** Not available.

**Viscosity** 0.48 - 0.52 cP (20°C)

### Other information

**Density** 0.70 g/cm<sup>3</sup> estimated

### Electrostatic properties

**Conductivity** < 50 pS/m (Varies)

**Molecular formula** UVCB

**VOC (Weight %)** 100 %

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Stable under normal temperature conditions and recommended use.

**Possibility of hazardous reactions** Hazardous polymerization does not occur.

<b>Conditions to avoid</b>	Heat, flames and sparks. Ignition sources. Electrostatic discharge. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Reducing agents. Acids. Alkalis.
<b>Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate toxic and/or corrosive gases or fumes. Carbon oxides. Sulfur oxides. Low molecular weight organic compounds.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	May cause eye irritation on direct contact.
<b>Ingestion</b>	Swallowing or vomiting of the liquid may result in aspiration into the lungs.

**Symptoms related to the physical, chemical and toxicological characteristics** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

### Information on toxicological effects

#### Acute toxicity

Product	Species	Test Results
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Gasoline 91.3 CBOB (CAS 8006-61-9)

#### Acute

##### *Dermal*

LD50	Rabbit	> 2000 mg/kg
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##### *Oral*

LD50	Rat	> 5000 mg/kg
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Constituents	Species	Test Results
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Toluene (CAS 108-88-3)

#### Acute

##### *Dermal*

LD50	Rabbit	14.1 ml/kg
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##### *Inhalation*

LC50	Rat	8000 ppm, 4 Hours
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##### *Oral*

LD50	Rat	2.6 g/kg
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Benzene (CAS 71-43-2)

#### Acute

##### *Inhalation*

LC50	Mouse	9980 ppm
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##### *Oral*

LD50	Rat	3306 mg/kg
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1,2,4-Trimethylbenzene (CAS 95-63-6)

#### Acute

##### *Dermal*

LD50	Rabbit	> 3160 mg/kg
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##### *Inhalation*

LC50	Rat	18000 mg/m3, 4 hours
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Ethylbenzene (CAS 100-41-4)

#### Acute

##### *Dermal*

LD50	Rabbit	> 5000 mg/kg
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Constituents	Species	Test Results
Naphthalene (CAS 91-20-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2 g/kg
<i>Oral</i>		
LD50	Rat	490 mg/kg
Cyclohexane (CAS 110-82-7)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	12705 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	May cause eye irritation on direct contact.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.	
<b>Skin sensitization</b>	Not a skin sensitizer.	
<b>Germ cell mutagenicity</b>	May cause genetic defects.	
<b>Carcinogenicity</b>	May cause cancer.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Benzene (CAS 71-43-2)	1 Carcinogenic to humans.	
Cumene (CAS 98-82-8)	2B Possibly carcinogenic to humans.	
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.	
Gasoline 91.3 CBOB (CAS 8006-61-9)	2B Possibly carcinogenic to humans.	
Naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.	
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.	
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.	
<b>NTP Report on Carcinogens</b>		
Benzene (CAS 71-43-2)	Known To Be Human Carcinogen.	
Naphthalene (CAS 91-20-3)	Reasonably Anticipated to be a Human Carcinogen.	
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Benzene (CAS 71-43-2)	Cancer	
<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child.	
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness or dizziness.	
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs (blood, bone marrow, central nervous system) through prolonged or repeated exposure.	
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.	
<b>Further information</b>	Repeated or prolonged exposure to benzene, even at relatively low concentrations, may result in various blood disorders, ranging from anemia to leukemia, an irreversible, fatal disease. Many blood disorders associated with benzene exposure may occur without symptoms.	

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Constituents	Species	Test Results
1,2,4-Trimethylbenzene (CAS 95-63-6)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) 7.19 - 8.28 mg/l, 96 hours
Ethylbenzene (CAS 100-41-4)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> ) 1 - 4 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout ( <i>Oncorhynchus mykiss</i> ) 4 mg/l, 96 hours



Constituents	Species	Test Results
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Cyclohexane (CAS 110-82-7)

**Aquatic**

Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) 3.961 - 5.181 mg/l, 96 hours
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**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

Xylene (CAS 1330-20-7)	3.2
Toluene (CAS 108-88-3)	2.73
Benzene (CAS 71-43-2)	2.13
Ethylbenzene (CAS 100-41-4)	3.15
n-Hexane (CAS 110-54-3)	3.9
Cyclohexane (CAS 110-82-7)	3.44

**Mobility in soil** No data available.

**Other adverse effects** Oil spills are generally hazardous to the environment. The product contains volatile organic compounds which have a photochemical ozone creation potential.

### 13. Disposal considerations

**Disposal instructions** Recover and recycle, if practical. Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. Do not allow this material to drain into sewers/water supplies.

**Local disposal regulations** Dispose of in accordance with local regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 °F

**Waste from residues / unused products** Recover and recycle, if practical.

**Contaminated packaging** Not applicable.

### 14. Transport information

**DOT**

<b>UN number</b>	UN1203
<b>UN proper shipping name</b>	Gasoline
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	144, 177, B1, B33, IB2, T4, TP1
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	202
<b>Packaging bulk</b>	242

**IATA**

<b>UN number</b>	UN1203
<b>UN proper shipping name</b>	Gasoline
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	3H
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**IMDG**

<b>UN number</b>	UN1203
<b>UN proper shipping name</b>	GASOLINE
<b>Transport hazard class(es)</b>	
<b>Class</b>	3

**Subsidiary risk** -  
**Packing group** II  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS** F-E, S-E  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable. However, this product is a liquid and if transported in bulk covered under MARPOL 73/78, Annex I.

## 15. Regulatory information

**US federal regulations** This product is hazardous according to OSHA 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Benzene (CAS 71-43-2) Cancer  
 Central nervous system  
 Blood  
 Aspiration  
 Skin  
 Eye  
 respiratory tract irritation  
 Flammability

### CERCLA Hazardous Substance List (40 CFR 302.4)

Benzene (CAS 71-43-2) LISTED  
 Cumene (CAS 98-82-8) LISTED  
 Cyclohexane (CAS 110-82-7) LISTED  
 Ethylbenzene (CAS 100-41-4) LISTED  
 Gasoline 91.3 CBOB (CAS 8006-61-9) LISTED  
 Naphthalene (CAS 91-20-3) LISTED  
 n-Hexane (CAS 110-54-3) LISTED  
 Toluene (CAS 108-88-3) LISTED

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
 Delayed Hazard - Yes  
 Fire Hazard - Yes  
 Pressure Hazard - No  
 Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Toluene	108-88-3	0 - 30
Xylene	1330-20-7	0 - 25
Cyclohexane	110-82-7	0 - 9
Ethylbenzene	100-41-4	0 - 5
1,2,4-Trimethylbenzene	95-63-6	0 - 5
Naphthalene	91-20-3	0 - 5
n-Hexane	110-54-3	0 - 5
Benzene	71-43-2	0.1 - 4.9
Cumene	98-82-8	0 - 1

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Benzene (CAS 71-43-2)  
 Cumene (CAS 98-82-8)  
 Ethylbenzene (CAS 100-41-4)  
 Naphthalene (CAS 91-20-3)

n-Hexane (CAS 110-54-3)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Toluene (CAS 108-88-3) 6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Toluene (CAS 108-88-3) 594

**US state regulations**

**US. Massachusetts RTK - Substance List**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Benzene (CAS 71-43-2)  
Cumene (CAS 98-82-8)  
Cyclohexane (CAS 110-82-7)  
Ethylbenzene (CAS 100-41-4)  
Gasoline 91.3 CBOB (CAS 8006-61-9)  
Naphthalene (CAS 91-20-3)  
n-Hexane (CAS 110-54-3)  
Toluene (CAS 108-88-3)

**US. New Jersey Worker and Community Right-to-Know Act**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Benzene (CAS 71-43-2)  
Cumene (CAS 98-82-8)  
Cyclohexane (CAS 110-82-7)  
Ethylbenzene (CAS 100-41-4)  
Gasoline 91.3 CBOB (CAS 8006-61-9)  
Naphthalene (CAS 91-20-3)  
n-Hexane (CAS 110-54-3)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**US. Pennsylvania Worker and Community Right-to-Know Law**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Benzene (CAS 71-43-2)  
Cumene (CAS 98-82-8)  
Cyclohexane (CAS 110-82-7)  
Ethylbenzene (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
n-Hexane (CAS 110-54-3)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**US. Rhode Island RTK**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Benzene (CAS 71-43-2)  
Cumene (CAS 98-82-8)  
Cyclohexane (CAS 110-82-7)  
Ethylbenzene (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
n-Hexane (CAS 110-54-3)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**US. California Proposition 65**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Benzene (CAS 71-43-2)

Cumene (CAS 98-82-8)  
Ethylbenzene (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
Toluene (CAS 108-88-3)

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### 16. Other information, including date of preparation or last revision

Issue date 02-April-2015

Revision date 29-April-2015

Version # 02

NFPA ratings



References

IARC Monographs. Overall Evaluation of Carcinogenicity (Volumes 1-106)  
CONCAWE Hazard classification and labelling of petroleum substances in the European Economic Area - 2010  
Petroleum High Production Volume (HPV) Testing Group

Disclaimer

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