



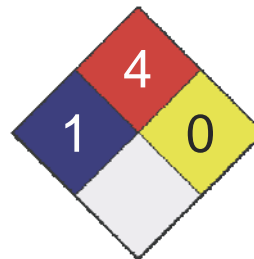
# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Name** PBOB Gasoline (No ethanol)  
**CAS #** Mixture  
**Product use** Fuel  
**Manufacturer** Irving Oil Refining G.P.  
 Box 1260  
 Saint John, NB E2L 4H6 CA  
 Phone: (506) 202-2000  
 Refinery: (506) 202-3000  
 Emergency Phone: 1-800-424-9300 (CHEMTREC)

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 1
Flammability	4
Physical Hazard	0
Personal Protection	B



## 2. Hazards Identification

**Emergency overview** DANGER  
 Flammable liquid - may release vapors that form flammable mixtures at or above the flash point. Containers may explode when heated.  
 CONTAINS MATERIAL WHICH MAY CAUSE CANCER.  
 Contains a potential teratogen.  
 May cause chronic toxic effects.  
 EYE AND SKIN IRRITANT.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** Causes irritation.

**Skin** Causes irritation.

**ACGIH - Threshold Limit Values - Skin Notations**

Benzene	71-43-2	Skin - potential significant contribution to overall exposure by the cutaneous route
N-Hexane	110-54-3	Skin - potential significant contribution to overall exposure by the cutaneous route

**Inhalation** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.

**Ingestion** Harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Target organs** Blood. Eyes. Kidney. Liver. Respiratory system. Skin.

**Chronic effects** Prolonged or repeated overexposure can cause liver and kidney damage. Peripheral nerve damage has been observed following occupational exposure to hexane.

**Signs and symptoms** Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Gasoline	8006-61-9	60 - 100
Toluene	108-88-3	5 - 10
Xylene	1330-20-7	5 - 10
N-Hexane	110-54-3	1 - 5
Benzene	71-43-2	0.1 - 1

**Composition comments**

\*Contains a variety of aromatic and aliphatic hydrocarbons including: benzene, n-hexane, toluene and xylene  
Gasoline is a complex mixture of hydrocarbons. Its exact composition depends on the source of the crude oil from which it was produced and the refining methods used. Gasoline contains hundreds of individual organic chemicals. This section identifies only some of the well-known chemical constituents.  
\*Total Sulphur: <50 ppm

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## 4. First Aid Measures

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**First aid procedures**

**Eye contact** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.

**Ingestion** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Notes to physician**

Symptoms may be delayed.

**General advice**

Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). 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. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire Fighting Measures

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**Flammable properties**

Flammable by WHMIS/OSHA criteria. Vapors may travel to a source of ignition and flash back. Containers may explode when heated.

**Extinguishing media**

**Suitable extinguishing media** Carbon dioxide. Dry chemical. Foam.

**Unsuitable extinguishing media** Not available

**Protection of firefighters**

**Specific hazards arising from the chemical** Container may explode in heat of fire. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

**Protective equipment for firefighters** Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products**

May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Aromatic and aliphatic hydrocarbons

**Explosion data**

**Sensitivity to mechanical impact** Not expected to be sensitive to mechanical impact.

**Sensitivity to static discharge** Vapor: Yes.

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## 6. Accidental Release Measures

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**Personal precautions**

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

**Methods for containment**

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

**Methods for cleaning up**

Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

**Other information**

Keep unnecessary personnel away.

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## 7. Handling and Storage

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<b>Handling</b>	Non-sparking equipment. Explosion-proof ventilation. Intrinsically safe electrical equipment. Use good industrial hygiene practices in handling this material. Have clean emergency eye wash and shower available in work area.
<b>Storage</b>	Store in a cool well-ventilated area. Consider leak detection and alarm equipment for storage area. Keep away from direct sunlight. Containers should be vented and equipped with a flame arrester.  Shipping: Load at normal temperature (up to 38°C) and pressure. Bond and ground containers for transfer.

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## 8. Exposure Controls / Personal Protection

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### Exposure limits

<b>Ingredient(s)</b>	<b>Exposure Limits</b>
Benzene	<b>ACGIH-TLV</b> TWA: 0.5 ppm STEL: 2.5 ppm <b>OSHA-PEL</b> TWA: 1 ppm STEL: 5 ppm Ceiling: 25 ppm
Gasoline	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
N-Hexane	<b>ACGIH-TLV</b> TWA: 50 ppm STEL: 1000 ppm <b>OSHA-PEL</b> TWA: 500 ppm
Toluene	<b>ACGIH-TLV</b> TWA: 20 ppm Skin: 50 ppm <b>OSHA-PEL TWA:</b> 200 ppm Ceiling: 300 ppm
Xylene	<b>ACGIH-TLV</b> TWA: 100 ppm STEL: 150 ppm <b>OSHA-PEL</b> TWA: 100 ppm

### Engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### Personal protective equipment

#### Eye / face protection

Face shield or chemical goggles.

#### Hand protection

Tychem™ BR/LV. or Tychem™ TK. Gloves.

#### Skin and body protection

Use of protective coveralls and long sleeves is recommended.  
If clothing or footwear becomes contaminated with the product, remove it and completely decontaminate it before re-use, or discard it.

**Respiratory protection**

For confined spaces, wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Clear.
<b>Color</b>	Clear
<b>Form</b>	Liquid
<b>Odor</b>	Characteristic Gasoline
<b>Odor threshold</b>	~ 0.1 ppm
<b>Physical state</b>	Liquid
<b>pH</b>	Not applicable
<b>Melting point</b>	Not available
<b>Freezing point</b>	< -80 °C (< -112.00 °F)
<b>Boiling point</b>	27 - 220 °C (80.60 - 428.00 °F)
<b>Flash point</b>	-43 °C (-45.40 °F) (Typical) Closed Cup
<b>Pour point</b>	Not available
<b>Evaporation rate</b>	4 (butyl acetate = 1)
<b>Flammability limits in air, lower, % by volume</b>	1.4 (Typical)
<b>Flammability limits in air, upper, % by volume</b>	7.6 (Typical)
<b>Vapor pressure</b>	175 - 500 mmHg @ 20°C
<b>Vapor density</b>	2.5 - 4 (air = 1)
<b>Specific gravity</b>	0.73 - 0.75 @ 15°C
<b>Octanol/water coefficient</b>	Not available
<b>Auto-ignition temperature</b>	257 °C (494.60 °F) (Typical)
<b>Percent volatile</b>	Not available

## 10. Stability and Reactivity

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Heat, open flames, static discharge, sparks and other ignition sources. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Aromatic hydrocarbons.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

**Component analysis - LC50**

Ingredient(s)	LC50
Benzene	13050 ppm rat; 13700 mg/l/4h rat
Gasoline	Not available
N-Hexane	38500 mg/l/4h rat
Toluene	12.5 mg/l/4h rat
Xylene	5000 mg/l/4h rat

**Component analysis - Oral LD50**

<b>Ingredient(s)</b>	<b>LD50</b>
Benzene	690 mg/kg rat; 4700 mg/kg mouse
Gasoline	13600 mg/kg rat
N-Hexane	28710 mg/kg rat
Toluene	636 mg/kg rat
Xylene	4300 mg/kg rat

**Effects of acute exposure****Eye** Causes irritation.**Skin** Causes irritation.**ACGIH - Threshold Limit Values - Skin Notations**

Benzene 71-43-2 Skin - potential significant contribution to overall exposure by the cutaneous route

N-Hexane 110-54-3 Skin - potential significant contribution to overall exposure by the cutaneous route

**Inhalation**

Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.

**Ingestion**

Harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Sensitization**

Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects**

Peripheral nerve damage has been observed following occupational exposure to hexane. Prolonged or repeated overexposure can cause liver and kidney damage.

**Carcinogenicity**

Contains potential carcinogens.

**ACGIH - Threshold Limit Values - Carcinogens**

Benzene 71-43-2 A1 - Confirmed Human Carcinogen

Toluene 108-88-3 A4 - Not Classifiable as a Human Carcinogen

Xylene 1330-20-7 A4 - Not Classifiable as a Human Carcinogen

**IARC - Group 1 (Carcinogenic to Humans)**

Benzene 71-43-2 Supplement 7 [1987]; Monograph 29 [1982]

**IARC - Group 2B (Possibly Carcinogenic to Humans)**

Gasoline 8006-61-9 Monograph 45 [1989] (overall evaluation upgraded from 3 to 2B with supporting evidence from other data relevant to the evaluation of carcinogenicity and its mechanisms)

**IARC - Group 3 (Not Classifiable)**

Toluene 108-88-3 Monograph 71 [1999]; Monograph 47 [1989]

Xylene 1330-20-7 Monograph 71 [1999]; Monograph 47 [1989]

**NTP (National Toxicology Program) - Report on Carcinogens - Known Human Carcinogens**

Benzene 71-43-2 Known Human Carcinogen

**NTP (National Toxicology Program) - Report on Carcinogens - Reasonably Anticipated to be Human Carcinogens**

Benzene 71-43-2 Suspect Carcinogen

**U.S. - California - Proposition 65 - Carcinogens List**

Benzene 71-43-2 carcinogen, initial date 2/27/87

**Mutagenicity**

Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects**

Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity**

Contains potential teratogens. Toluene (benzene, methyl-) has caused fetotoxicity (reduced fetal weight), behavioural effects (effects on learning and memory) and hearing loss (in males). These effects have been observed in the offspring of rats exposed by inhalation to 1200 or 1800 ppm toluene. These effects were observed in the absence of maternal toxicity.

**Synergistic Materials**

Other petroleum hydrocarbons and other chemicals that cause CNS depression or other neurological effects can be expected to produce additive or synergistic effects.

## 12. Ecological Information

**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

### Ecotoxicity - Freshwater Algae Data

Benzene	71-43-2	72 Hr EC50 Selenastrum capricornutum: 29 mg/L
Gasoline	8006-61-9	72 Hr EC50 Selenastrum capricornutum: 4700 mg/L
Toluene	108-88-3	96 Hr EC50 Selenastrum capricornutum: >433 mg/L

### Ecotoxicity - Freshwater Fish Species Data

Benzene	71-43-2	96 Hr LC50 Pimephales promelas: 10.7-14.7 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 5.3 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 22.49 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.6 mg/L [static]; 96 Hr LC50 Pimephales promelas: 22330-41160 µg/L [static]; 96 Hr LC50 Lepomis macrochirus: 70000-142000 µg/L [static]
Gasoline	8006-61-9	96 Hr LC50 Oncorhynchus mykiss: 56 mg/L
N-Hexane	110-54-3	96 Hr LC50 Pimephales promelas: 2.1-2.98 mg/L [flow-through]
Toluene	108-88-3	96 Hr LC50 Pimephales promelas: 15.22-19.05 mg/L [flow-through] (1 day old); 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89-7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1-17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 11.0-15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 50.87-70.
Xylene	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661-4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5-17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1-16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711-9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53-29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26-40.

### Ecotoxicity - Microtox Data

Toluene	108-88-3	30 Min EC50 Photobacterium phosphoreum: 19.7 mg/L
Xylene	1330-20-7	24 Hr EC50 Photobacterium phosphoreum: 0.0084 mg/L

### Ecotoxicity - Water Flea Data

Benzene	71-43-2	48 Hr EC50 water flea: 356 mg/L [Static]; 48 Hr EC50 Daphnia magna: 10 mg/L
N-Hexane	110-54-3	48 Hr EC50 water flea: 3.87 mg/L
Toluene	108-88-3	48 Hr EC50 water flea: 11.3 mg/L; 48 Hr EC50 water flea: 310 mg/L; 48 Hr EC50 Daphnia magna: 11.3 mg/L
Xylene	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Persistence / degradability</b>	Non-persistent/ Group 1
<b>Bioaccumulation / accumulation</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Chemical fate information</b>	Not available
<b>Other adverse effects</b>	Not available

## 13. Disposal Considerations

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Review federal, provincial, and local government requirements prior to disposal.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. Transport Information

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### U.S. Department of Transportation (DOT)

**Basic shipping requirements:**

**Proper shipping name** Gasoline  
**Hazard class** 3  
**UN number** UN1203  
**Packing group** II  
**Additional information:**  
**Special provisions** 139, B33, B101, T8  
**Packaging exceptions** 150  
**ERG number** 128



### Transportation of Dangerous Goods (TDG - Canada)

**Basic shipping requirements:**

**Proper shipping name** GASOLINE  
**Hazard class** 3  
**UN number** UN1203  
**Packing group** II



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## 15. Regulatory Information

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**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Canada - CEPA - High Priority Chemicals as Identified by DSL Categorization**

N-Hexane 110-54-3 Batch 4, published November 17, 2007

**Canada - CEPA - Schedule I - List of Toxic Substances**

Benzene 71-43-2 Present

**Canada - WHMIS - Ingredient Disclosure List**

Benzene	71-43-2	0.1 %
Gasoline	8006-61-9	1 %
N-Hexane	110-54-3	1 %
Toluene	108-88-3	1 %

**US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

Benzene	71-43-2	10 Lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
N-Hexane	110-54-3	5000 Lb final RQ; 2270 kg final RQ
Toluene	108-88-3	1000 Lb final RQ; 454 kg final RQ
Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

Benzene	71-43-2	0.1 % de minimis concentration
N-Hexane	110-54-3	1.0 % de minimis concentration
Toluene	108-88-3	1.0 % de minimis concentration
Xylene	1330-20-7	1.0 % de minimis concentration

**U.S. - CWA (Clean Water Act) - Hazardous Substances**

Benzene	71-43-2	Present
Toluene	108-88-3	Present
Xylene	1330-20-7	Present

**U.S. - CWA (Clean Water Act) - Priority Pollutants**

Benzene	71-43-2	Present
Toluene	108-88-3	Present

**U.S. - CWA (Clean Water Act) - Toxic Pollutants**

Benzene	71-43-2	Present
Toluene	108-88-3	Present

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**CERCLA (Superfund) reportable quantity**

Xylene: 100.0000  
Benzene, methyl-: 1000.0000  
Hexane: 5000.0000  
Benzene: 10.0000

**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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**WHMIS status** Controlled

**WHMIS classification** Class B - Division 2 - Flammable Liquid, Class D - Division 2A, 2B

**WHMIS labeling**



**State regulations**

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

**U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances**

Benzene	71-43-2	Present
Gasoline	8006-61-9	Present (exempt when used as fuel)
N-Hexane	110-54-3	[present]
Toluene	108-88-3	Present
Xylene	1330-20-7	Present

**U.S. - California - Proposition 65 - Carcinogens List**

Benzene	71-43-2	carcinogen, initial date 2/27/87
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**U.S. - California - Proposition 65 - Developmental Toxicity**

Benzene	71-43-2	developmental toxicity, initial date 12/26/97
Toluene	108-88-3	developmental toxicity, initial date 1/1/91

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

Benzene	71-43-2	male reproductive toxicity, initial date 12/26/97
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**U.S. - Connecticut - Carcinogenic Substances**

Benzene	71-43-2	Present
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**U.S. - Illinois - Toxic Air Contaminant Carcinogens**

Benzene	71-43-2	IRIS A Carcinogen; NTP Known Carcinogen; ACGIH A2 Carcinogen; IARC Group 1 Carcinogen
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**U.S. - Illinois - Toxic Air Contaminants**

Benzene	71-43-2	Present
N-Hexane	110-54-3	Present
Toluene	108-88-3	Present
Xylene	1330-20-7	Present

**U.S. - Louisiana - Reportable Quantity List for Pollutants**

Benzene	71-43-2	10 Lb final RQ (receives an adjustable RQ of 10 lbs based on potential carcinogenicity in August 14, 1989 final rule); 4.54 kg final RQ (receives an adjustable RQ of 10 lbs based on potential carcinogenicity in August 14, 1989 final rule)
N-Hexane	110-54-3	5000 Lb RQ (applies to unauthorized emissions based on total mass emitted into or onto all media within any consecutive 24-hour period); 1000 lb RQ (applies to unauthorized emissions based on total mass emitted into the atmosphere)
Toluene	108-88-3	100 Lb RQ (unauthorized emissions based on total mass emitted into the atmosphere - see regulatory text for applicable parishes. The combined emission of highly reactive volatile organic compounds (acetaldehyde, butenes, ethylene, propylene, toluene, xylene, and/or isoprene) shall be totaled to determine if a RQ has been exceeded)
Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ (the combined emission of highly reactive volatile organic compounds (acetaldehyde, butenes, ethylene, propylene, toluene, xylene, and/or isoprene) shall be totaled to determine if a RQ has been exceeded)

**U.S. - Massachusetts - Right To Know List**

Benzene	71-43-2	Carcinogen; Extraordinarily hazardous
Gasoline	8006-61-9	Present
N-Hexane	110-54-3	Present
Toluene	108-88-3	Present
Xylene	1330-20-7	Present

**U.S. - Michigan - Critical Materials List**

Benzene	71-43-2	100 Lb Annual usage threshold
Toluene	108-88-3	100 Lb Annual usage threshold
Xylene	1330-20-7	100 Lb Annual usage threshold (all isomers)

**U.S. - Minnesota - Hazardous Substance List**

Benzene	71-43-2	Carcinogen
Gasoline	8006-61-9	Present
N-Hexane	110-54-3	Present
Toluene	108-88-3	Skin
Xylene	1330-20-7	Present (includes all isomers)

**U.S. - New Jersey - Right to Know Hazardous Substance List**

Benzene	71-43-2	sn 0197
Gasoline	8006-61-9	sn 0957
N-Hexane	110-54-3	sn 1340
Toluene	108-88-3	sn 1866
Xylene	1330-20-7	sn 2014

**U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances**

Benzene	71-43-2	10 Lb RQ (air); 1 lb RQ (land/water)
N-Hexane	110-54-3	1 Lb RQ (air); 1 lb RQ (land/water)
Toluene	108-88-3	1000 Lb RQ (air); 1 lb RQ (land/water)
Xylene	1330-20-7	1000 Lb RQ (air); 1 lb RQ (land/water)

**U.S. - North Carolina - Control of Toxic Air Pollutants**

Benzene	71-43-2	0.00012 mg/m3 (carcinogens)
N-Hexane	110-54-3	1.1 mg/m3 (chronic toxicants)
Toluene	108-88-3	4.7 mg/m3 (chronic toxicants); 56 mg/m3 (acute irritants)
Xylene	1330-20-7	2.7 mg/m3 (chronic toxicants); 65 mg/m3 (acute irritants)

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**

Benzene 71-43-2 Present

**U.S. - Pennsylvania - RTK (Right to Know) List**

Benzene 71-43-2 Environmental hazard; Special hazardous substance

N-Hexane 110-54-3 Present

Toluene 108-88-3 Environmental hazard

Xylene 1330-20-7 Environmental hazard

**U.S. - Rhode Island - Hazardous Substance List**

Benzene 71-43-2 Toxic (skin); Flammable (skin); Carcinogen (skin)

Gasoline 8006-61-9 Toxic; Flammable

N-Hexane 110-54-3 Toxic; Flammable

Toluene 108-88-3 Toxic (skin); Flammable (skin)

Xylene 1330-20-7 Toxic (skin); Flammable (skin)

**Inventory name**

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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**16. Other Information**

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**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Issue date**

14-Sep-2009

**Effective date**

15-Mar-2009

**Expiry date**

15-Mar-2012

**Prepared by**

Dell Tech Laboratories Ltd. (519) 858-5021

**Other information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

**PBOB Gasoline (No ethanol)**



Flammable liquid. May cause chronic toxic effects. Eye and skin irritant.

Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields. Keep out of reach of children.

**EYE:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**SKIN:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**INHALATION:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.

**INGESTION:** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT**

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Liquide inflammable. Il peut causer des effets toxiques chroniques. Irritant pour les yeux et la peau.

Conserver à l'écart de toutes sources d'ignition. Ne pas fumer. Éviter le contact avec les yeux et la peau. Porter des gants en caoutchouc et des lunettes de sécurité pourvues de protections latérales. Tenir hors de la portée des enfants.

**YEUX:** Rincer à grande eau froide. Enlever les verres de contact, le cas échéant, et continuer à rincer. Obtenir de l'attention médicale si l'irritation persiste.

**PEAU:** Rincer à grande eau froide. Laver à l'eau et au savon. Obtenir de l'attention médicale si l'irritation persiste.

**INHALATION:** En cas de symptômes, placer la victime à l'air frais. Si les symptômes persistent, obtenir de l'attention médicale. Si la victime ne respire pas du personnel qualifié devrait immédiatement commencer la réanimation cardio-pulmonaire.

**INGESTION:** Ne pas faire vomir. Ne jamais rien faire boire ou avaler à une victime inconsciente, ou si la victime a des convulsions. Appeler un médecin.

**LIRE LA FICHE SIGNALÉTIQUE AVANT D'UTILISER CE PRODUIT**