

 Safety Data Sheet

 According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

 Revision Date: 06/28/2016
 Date of issue: 07/06/2015

Version: 3.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier Product Form: Mixture

Product Name: Unleaded Gasoline

Synonyms: CountryMark 87 E10 Plus, CountryMark 89 E10 Plus, CountryMark 91 Plus, CountryMark 93 E10 Plus, 87 Regular, 87 Regular E10, 89 Midgrade E10, 93 Premium E10, 84 CBOB, 91 CBOB, Hydrocarbon Mixture, Light Petroleum Distillate.

1.2. Intended Use of the Product

Use of the substance/mixture: No use is specified.

1.3. Name, Address, and Telephone of the Responsible Party

Company

Emergency Number

Countrymark Refining and Logistics, LLC 1200 Refinery Road Mt. Vernon, Indiana 47620 (812) 838-8165 CountryMark.com

1.4. Emergency Telephone Number

: Countrymark: (812) 838-8165 (CHEMTREC) (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

z.i. classificatio	in or the Substa
Classification (GHS	-US)
Flam. Liq. 1	H224
Skin Irrit. 2	H315
Muta. 1B	H340
Carc. 1A	H350
Repr. 2	H361
STOT SE 1	H370
STOT SE 3	H336
STOT RE 1	H372
Asp. Tox. 1	H304
Aquatic Acute 2	H401
Aquatic Chronic 2	H411
Full text of H-phrases	: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)	: Danger
Hazard Statements (GHS-US)	: H224 - Extremely flammable liquid and vapor.
	H304 - May be fatal if swallowed and enters airways.
	H315 - Causes skin irritation.
	H336 - May cause drowsiness or dizziness.
	H340 - May cause genetic defects.
	H350 - May cause cancer.
	H361 - Suspected of damaging fertility or the unborn child.
	H370 - Causes damage to organs.
	H372 - Causes damage to organs through prolonged or repeated exposure.
	H401 - Toxic to aquatic life.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statements (GHS-US)	: P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
	P210 - Keep away from extremely high or low temperatures, ignition sources, and
	incompatible materials. No smoking.
	P233 - Keep container tightly closed.

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- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, and lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe vapors, mist, or spray.
- P264 Wash hands, forearms, and other exposed areas thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, and eye protection.
- P301+P310 If swallowed: Immediately call a poison center or doctor.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see section 4 on this SDS).

P331 - Do NOT induce vomiting.

- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash it before reuse.
- P370+P378 In case of fire: Use appropriate media (see section 5) to extinguish. P391 - Collect spillage.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Gasoline is a blend of several petroleum refinery streams to meet specifications set up in the United States by the American Society for Testing and Materials (ASTM D 439). This blend is predominantly a complex mixture of hydrocarbons that includes normal and branched alkanes, cycloalkanes, alkenes, and aromatics including benzene and Ethanol at 10.0% when the base gasoline is blended w/ Ethanol. Contains benzene, a regulated human carcinogen. Benzene has the potential to cause anemia and other blood diseases, including leukemia, after repeated and prolonged exposure. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with systemic toxicity. See also Section 11 – Toxicological Information.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%	Classification (GHS-US)
Gasoline, motor fuel	(CAS No) 86290-81-5	90 - 100	Flam. Liq. 1, H224
			Skin Irrit. 2, H315
			Muta. 1B, H340
			Carc. 1B, H350
			Repr. 2, H361
			STOT SE 3, H336
			Asp. Tox. 1, H304
			Aquatic Chronic 2, H411

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Toluene	(CAS No) 108-88-3	<- 12	Elam Lig 2 H225
		~- 12	Skin Irrit 7 4215
			Dopr 2 11261
			STOT RE 2, H373
			Asp. Tox. 1, H304
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	<= 12	Flam. Liq. 3, H226
			Acute Tox. 4 (Dermal), H312
			Acute Tox. 4 (Inhalation:vapor), H332
			Skin Irrit. 2, H315
			Asp. Tox. 1, H304
			Aquatic Acute 2, H401
Hexane	(CAS No) 110-54-3	<= 5	Flam, Lig. 2, H225
			Skin Irrit 2 H315
			Benr 2 H361
			SIUI RE 2, ПЗ/3
			Asp. 10x. 1, H304
			Aquatic Acute 2, H401
			Aquatic Chronic 2, H411
Benzene	(CAS No) 71-43-2	<= 3	Flam. Liq. 2, H225
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
			Muta. 1B, H340
			Carc. 1A, H350
			STOT RE 1, H372
			Asp. Tox. 1, H304
			Aquatic Chronic 3, H412
Cyclohexane	(CAS No) 110-82-7	<= 3	Flam. Lig. 2, H225
,			Skin Irrit. 2. H315
			STOT SE 3. H336
			Asp Tox 1 H304
			Aquatic Acute 1 H400
			Aquatic Chronic 1, H410
Ethylhonzono	(CAS No) 100 41 4	<i>z</i> = 2	
Ethyldenzene	(LAS NO) 100-41-4	<= 3	
			Acute Tox. 4 (Inhalation:vapor), H332
			Carc. 2, H351
			STOT RE 2, H373
			Asp. Tox. 1, H304
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
Naphthalene	(CAS No) 91-20-3	<= 3	Flam. Sol. 2, H228
			Acute Tox. 4 (Oral), H302
			Acute Tox. 4 (Dermal). H312
			Carc. 2, H351
			STOT SE 1 H370
			Aquatic Acute 1, 1400
			Aqualic Chronic 1, H410

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

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First-aid Measures After Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

First-aid Measures After Skin Contact: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before wearing. If skin irritation occurs: Get medical advice/attention.

First-aid Measures After Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Remove contact lenses, if present and easy to do. Get medical attention.

First-aid Measures After Ingestion: DO NOT INDUCE VOMITING. Do not give liquids. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonia which can be fatal.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. May cause cancer. May cause genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness. In high concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea, loss of co-ordination, and asphyxiation.

Symptoms/Injuries After Skin Contact: Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.

Symptoms/Injuries After Eye Contact: Can cause severe eye irritation. Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Chronic Symptoms: May cause cancer. May cause genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. **SECTION 5: FIRE-FIGHTING MEASURES**

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol-resistant foam, carbon dioxide (CO₂), dry chemical, water spray, fog.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid. Water may be ineffective because it may not cool the material below its flash point.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Extremely flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard. Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. **Reactivity:** Reacts with strong oxidants causing fire and explosion hazard. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Extinguish/cool from behind cover/unmanned monitors. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water courses.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Other Information:** Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Remove ignition sources. Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Avoid breathing (dust, vapor, mist, gas). Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

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Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Eliminate all ignition sources. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. Use water spray to disperse vapors. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill. For small spill allow volatile portion to safely evaporate under controlled conditions. Allow sufficient time for vapors to completely clear. Check with LEL meter before cleaning up.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharge. Use only non-sparking tools. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Avoid all eye and skin contact and do not breathe vapor and mist. Use only outdoors or in a well-ventilated area. Use appropriate personal protection equipment (PPE). Never use welding or cutting torch on or near drum (even empty) because product and its residue can ignite explosively. Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from materials handling point.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and exposed areas thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Container remains hazardous when empty. Continue to observe all precautions. Ensure all national/local regulations are observed. Do not allow smoking in areas of use or dispensing. Motors, fans, switches, and etc. in area of use or dispensing should be explosion proof. Ground containers when filling. Prevent all static and electric sparks.

Storage Conditions: Store containers in an upright position. Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers. Chlorine. Permanganates. Chromates.

7.3. Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

Benzene (71-	-43-2)	
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm
USA ACGIH	ACGIH STEL (ppm)	2.5 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Human Carcinogen
USA NIOSH	NIOSH REL (TWA) (ppm)	0.1 ppm
USA NIOSH	NIOSH REL (STEL) (ppm)	1 ppm
USA IDLH	US IDLH (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm
		1 ppm
USA OSHA	OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
USA OSHA	OSHA PEL (Ceiling) (ppm)	25 ppm

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Cyclohexane	(110-82-7)	
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m³)	1050 mg/m³
USA NIOSH	NIOSH REL (TWA) (ppm)	300 ppm
USA IDLH	US IDLH (ppm)	1300 ppm (10% LEL)
USA OSHA	OSHA PEL (TWA) (mg/m³)	1050 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	300 ppm
Ethylbenzene	e (100-41-4)	
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	435 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	545 mg/m ³
USA NIOSH	NIOSH REL (STEL) (ppm)	125 ppm
USA IDLH	US IDLH (ppm)	800 ppm (10% LEL)
USA OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Hexane (110-	54-3)	
USA ACGIH	ACGIH TWA (ppm)	50 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the
		cutaneous route
	NIOSH REL (TWA) (mg/m ²)	180 mg/m ³
	NIOSH REL (TWA) (ppm)	50 ppm
	USIDLH (ppm) $OSUA DEL (TM(A) (mg/m3))$	1100 ppm (10% LEL)
	OSHA PEL (TWA) (mg/m ²)	
	(91-20-3)	10 mm
	ACGIH IWA (ppm)	10 ppm
USA ACGIN		skin - potential significant contribution to overall exposure by the
		Relevance to Humans
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	50 mg/m^3
USA NIOSH	NIOSH REL (TWA) (ng) m)	10 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	75 mg/m ³
USA NIOSH	NIOSH REL (STEL) (ppm)	15 ppm
USA IDLH	US IDLH (ppm)	250 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	50 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm
Toluene (108	-88-3)	
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	375 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	560 mg/m³
USA NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
USA IDLH	US IDLH (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm
Xylenes (o-, r	n-, p- isomers) (1330-20-7)	
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA ACGIH	ACGIH STEL (ppm)	150 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm

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Gasoline, motor fuel (86290-81-5)		
USA ACGIH	ACGIH TWA (ppm)	300 ppm
USA ACGIH	ACGIH STEL (ppm)	500 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

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8.2. Exposure Controls	
Appropriate Engineering Controls Personal Protective Equipment	 Use explosion-proof equipment. Proper grounding procedures to avoid static electricity should be followed. Gas detectors should be used when flammable gases/vapors may be released. Ensure adequate ventilation, especially in confined areas. Have written confined space and tank entry procedures. Never allow tank entry without checking OXYGEN AND VAPOR levels. Use safety harness and safety line on person entering a tank. Stand-by person required with protective equipment available. Ensure all national/local regulations are observed. Where splashing is possible: Safety glasses with side shields. Face shield. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.
Materials for Protective Clothing	: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant
Hand Protection Eye Protection	 Wear chemically resistant protective gloves such as neoprene or nitrile. No special eye protection is normally required. Where splashing is possible, wear
	safety glasses with sideshields.
Skin and Body Protection	: Wear suitable protective clothing.
Respiratory Protection	exposure may exceed established Occupational Exposure Limits
Thermal Hazard Protection	: When working with hot material, use suitable thermally protective clothing.
Other Information	: When using, do not eat, drink, or smoke.
SECTION 9: PHYSICAL AND CHEMIC/	AL PROPERTIES
9.1. Information on Basic Physical	and Chemical Properties
-	•
Physical State	: Liquid
Physical State Appearance	: Liquid : Clear mobile liquid. Gasoline is colored with various dyes for specific
Physical State Appearance	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition.
Physical State Appearance Odor	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air.
Physical State Appearance Odor Odor Threshold	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available
Physical State Appearance Odor Odor Threshold pH	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available No data available To data available To data available Yo data available No data available To data available To data available To data available To data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C)
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available No data available Yo - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas)	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available Slower than ether 10 PPM in air.
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available Slower than ether 10 - 50 °F (-4045.56 °C) No data available No data available No data available No data available 3 - 4 (AIR=1)
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density Relative Density	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available No data available No data available No data available Slower than ether 10 0 °F (-4045.56 °C) No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density Relative Density Specific Gravity @ 60 °F	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available No data available No data available So data available No data available 3 - 4 (AIR=1) No data available .7078
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density Relative Density Specific Gravity @ 60 °F Solubility	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available Slower than ether No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available 3 - 4 (AIR=1) No data available .7078 Insoluble in water.
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density Relative Density Specific Gravity @ 60 °F Solubility Partition Coefficient: N-Octanol/Water	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available Solower Pressure @ 100°F) 3 - 4 (AIR=1) No data available .7078 Insoluble in water. No data available
Physical State Appearance Odor Odor Threshold pH Evaporation Rate Melting Point Freezing Point Boiling Point Flash Point Auto-ignition Temperature Decomposition Temperature Flammability (solid, gas) Vapor Pressure Relative Vapor Density Relative Density Specific Gravity @ 60 °F Solubility Partition Coefficient: N-Octanol/Water Viscosity	 Liquid Clear mobile liquid. Gasoline is colored with various dyes for specific type recognition. Characteristic odor recognizable at about 10 PPM in air. No data available No data available Slower than ether No data available No data available No data available 70 - 435 °F (21.11 - 223.89 °C) -4050 °F (-4045.56 °C) No data available 8 - 15 (Reid Vapor Pressure @ 100°F) 3 - 4 (AIR=1) No data available .7078 Insoluble in water. No data available

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Lower Flammable Limit	: 1.4 %
Upper Flammable Limit	: 7.6 %
Percent Volatile By Volume (%)	: 100
Explosive Limits	: Lower to 1.4%

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Reacts with strong oxidants causing fire and explosion hazard. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

10.2. Chemical Stability: Extremely flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Sources of ignition. Incompatible materials.

10.5. Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. Chlorine. Permanganates. Chromates.

10.6. Hazardous Decomposition Products: Thermal decomposition generates: May release flammable gases. Carbon oxides (CO, CO₂). Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

LD50 Dral Rat3306 mg/kgLD50 Dermal Rabbit> 8200 mg/kgLC50 Inhalation Rat44.66 mg/l/4hCyclohexane (110-82-7)I2705 mg/kgLD50 Doral Rat12705 mg/kgLD50 Dermal Rabbit> 2000 mg/kgLC50 Inhalation Rat13.9 mg/l/4hEthylbenzene (100-41-4)ID50 Dermal RabbitLD50 Dermal Rabbit15400 mg/kgLD50 Dermal Rabbit25 g/kgLD50 Dermal Rabbit25 g/kgLD50 Dermal Rabbit25 g/kgLD50 Dermal Rabbit25 g/kgLD50 Dermal Rabbit3000 mg/kgLC50 Inhalation Rat25 g/kgLD50 Dermal Rabbit120 mg/mg/lkgLD50 Dermal Rabbit120 mg/mgLD50 Dermal Rabbit120 mg/mgLD50 Dermal Rabbit25 g/kgLD50 Dermal Rabbit120 mg/mgLD50 Dermal Rabbit120 mg/mgLD50 Dermal Rabbit120 mg/mgLD50 Dermal Rabbit120 mg/kgLD50 Dermal Rabbit120 mg/kgLD50 Dermal Rabbit120 mg/kgLD50 Dermal Rabbit1200 mg/kgLD50 Dermal Rabbit2500 mg/kgLD50 Dermal Rabbit290 mg/kgLD50 Dermal Rabbit290 mg/kgLD50 Dermal Rabbit290 mg/kg<	Benzene (71-43-2)	
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LC50 Inhalation Rat 12.5 mg/l/4h ATE (Vapors) 25.70 mg/l/4h Xylenes (o-, m-, p- isomers) (1330-20-7) LD50 Oral Rat > 5000 mg/kg LD50 Dermal Rabbit > 4350 mg/kg LC50 Inhalation Rat 29.08 mg/l/4h LC50 Inhalation Rat 29.08 mg/l/4h LC50 Inhalation Rat 6247 ppm/4h (species: Sprague-Dawley) ATE (Dermal) 1,100.00 mg/kg body weight ATE (Gases) 6,247.00 ppmV/4h Gasoline, motor fuel (86290-81-5) 11.00 mg/l/4h LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg	LD50 Dermal Rabbit	12000 mg/kg
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Xylenes (o-, m-, p- isomers) (1330-20-7)LD50 Oral Rat> 5000 mg/kgLD50 Dermal Rabbit> 4350 mg/kgLC50 Inhalation Rat29.08 mg/l/4hLC50 Inhalation Rat6247 ppm/4h (species: Sprague-Dawley)ATE (Dermal)1,100.00 mg/kg body weightATE (Gases)6,247.00 ppmV/4hATE (Vapors)11.00 mg/l/4hGasoline, motor fuel (86290-81-5)92 g/kgLD50 Oral Rat92 g/kgLD50 Dermal Rabbit> 2000 mg/kgLD50 Dermal Rabbit> 5.2 mg/l/4h	ATE (Vapors)	25.70 mg/l/4h
LD50 Oral Rat> 5000 mg/kgLD50 Dermal Rabbit> 4350 mg/kgLC50 Inhalation Rat29.08 mg/l/4hLC50 Inhalation Rat6247 ppm/4h (species: Sprague-Dawley)ATE (Dermal)1,100.00 mg/kg body weightATE (Gases)6,247.00 ppmV/4hATE (Vapors)11.00 mg/l/4hGasoline, motor fuel (86290-81-5)92 g/kgLD50 Oral Rat92 g/kgLD50 Dermal Rabbit> 2000 mg/kgLC50 Inhalation Rat> 5.2 mg/l/4h	Xylenes (o-, m-, p- isomers) (1330-20-7)	
LD50 Dermal Rabbit> 4350 mg/kgLC50 Inhalation Rat29.08 mg/l/4hLC50 Inhalation Rat6247 ppm/4h (species: Sprague-Dawley)ATE (Dermal)1,100.00 mg/kg body weightATE (Gases)6,247.00 ppmV/4hATE (Vapors)11.00 mg/l/4hGasoline, motor fuel (86290-81-5)92 g/kgLD50 Oral Rat92 g/kgLD50 Dermal Rabbit> 2000 mg/kgLC50 Inhalation Rat> 5.2 mg/l/4h	LD50 Oral Rat	> 5000 mg/kg
LC50 Inhalation Rat 29.08 mg/l/4h LC50 Inhalation Rat 6247 ppm/4h (species: Sprague-Dawley) ATE (Dermal) 1,100.00 mg/kg body weight ATE (Gases) 6,247.00 ppmV/4h ATE (Vapors) 11.00 mg/l/4h Gasoline, motor fuel (86290-81-5) 92 g/kg LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	LD50 Dermal Rabbit	> 4350 mg/kg
LC50 Inhalation Rat 6247 ppm/4h (species: Sprague-Dawley) ATE (Dermal) 1,100.00 mg/kg body weight ATE (Gases) 6,247.00 ppmV/4h ATE (Vapors) 11.00 mg/l/4h Gasoline, motor fuel (86290-81-5) 92 g/kg LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	LC50 Inhalation Rat	29.08 mg/l/4h
ATE (Dermal) 1,100.00 mg/kg body weight ATE (Gases) 6,247.00 ppmV/4h ATE (Vapors) 11.00 mg/l/4h Gasoline, motor fuel (86290-81-5) 11.00 mg/l/4h LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit >2000 mg/kg LC50 Inhalation Rat >5.2 mg/l/4h	LC50 Inhalation Rat	6247 ppm/4h (species: Sprague-Dawley)
ATE (Gases) 6,247.00 ppmV/4h ATE (Vapors) 11.00 mg/l/4h Gasoline, motor fuel (86290-81-5) 92 g/kg LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	ATE (Dermal)	1,100.00 mg/kg body weight
ATE (Vapors) 11.00 mg/l/4h Gasoline, motor fuel (86290-81-5) 92 g/kg LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	ATE (Gases)	6,247.00 ppmV/4h
Gasoline, motor fuel (86290-81-5) LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	ATE (Vapors)	11.00 mg/l/4h
LD50 Oral Rat 92 g/kg LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	Gasoline, motor fuel (86290-81-5)	
LD50 Dermal Rabbit > 2000 mg/kg LC50 Inhalation Rat > 5.2 mg/l/4h	LD50 Oral Rat	92 g/kg
LC50 Inhalation Rat > 5.2 mg/l/4h	LD50 Dermal Rabbit	> 2000 mg/kg
	LC50 Inhalation Rat	> 5.2 mg/l/4h

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Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

Benzene (71-43-2)	
IARC group	1
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity, Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
OSHA Specifically Regulated Carcinogen List	In OSHA Specifically Regulated Carcinogen list.
Ethylbenzene (100-41-4)	
IARC group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Naphthalene (91-20-3)	
IARC group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity, Reasonably anticipated to be Human
	Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Toluene (108-88-3)	
IARC group	3
Xylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3
Gasoline, motor fuel (86290-81-5)	
IARC group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Causes damage to organs. May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness. In high concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination, and asphyxiation.

Symptoms/Injuries After Skin Contact: Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.

Symptoms/Injuries After Eye Contact: Can cause severe eye irritation. Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: The major health threat of ingestion occurs from the danger of aspiration(breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Chronic Symptoms: May cause cancer. May cause genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	
Ecology - General	: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Benzene (71-43-2)	
LC50 Fish 1	10.7 - 14.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	8.76 - 15.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC 50 Fish 2	5.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 2	10 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Cyclohexane (110-82-7)	
LC50 Fish 1	3.96 - 5.18 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.9 mg/l
LC 50 Fish 2	23.03 - 42.07 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

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Ethylbenzene (100-41-4)				
LC50 Fish 1	11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])			
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)			
LC 50 Fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])			
Hexane (110-54-3)				
LC50 Fish 1	2.1 - 2.98 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])			
EC50 Daphnia 1	3.88 mg/l			
Nanhthalene (91-20-3)				
IC50 Fish 1	5 74 - 6 44 mg/l (Exposure time: 96 h - Species: Pimenhales promelas [flow-through])			
FC50 Danhnia 1	2 16 mg/l (Exposure time: 48 h - Species: Danhnia magna)			
IC 50 Fish 2	2.10 IIIg/I (Exposure time: 46 II - Species: Ddp1IIId IIIdgIId)			
FC50 Danhnia 2	1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])			
ICEO Fich 1	15.22 (15.22, 10.05) mg/l (Exposure time: 06 h. Species: Dimenhales promotes			
	15.22 (15.22 - 19.05) high (exposure time, 96 fi - species, Prinephales prometas			
ECEO Danhaia 1	[[IIOw-III OUGH]]			
	12.6 mg/l (Exposure time: 96 h - Species: Dimensional Integral (Static))			
FC50 Danhnia ?	11.5 mg/l (Exposure time: 30 h - Species: Panhaia magna)			
NOEC chronic crustacea	0.74 mg/l (Coriodanhnia dubia)			
Xylenes (o-, m-, p- isomers) (1330-20-7)				
LC50 Fish 1	3.3 mg/l			
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)			
LC 50 Fish 2	2.661 (2.661 - 4.093) mg/l (Exposure time: 96 h - Species: Oncornynchus mykiss			
	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)			
12.2. Persistence and Degradability				
Unleaded Gasoline				
Persistence and Degradability	Not established.			
12.3. Bioaccumulative Potential				
Unleaded Gasoline				
Bioaccumulative Potential	Not established.			
Benzene (71-43-2)				
BCF fish 1	3.5 - 4.4			
Log Pow	1.83			
Cvclohexane (110-82-7)				
Log Pow	3.44			
Ethylbenzene (100-41-4)				
BCF fish 1	15			
Log Pow	3.118			
Nanhthalana (01 20 2)				
BCF fish 1	30 - 430			
	3 3 (at 20 °C)			
Log row 5.5 (dl 20 C)				
10iuene (108-88-3)				
Xylenes (0-, m-, p- isomers) (1330-20-7)				
BCF TISN 1	0.6 (0.6 - 15)			
	2.//-3.15			
L2.4. IVIODIIITY IN SOIL No additional information available				

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS 13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not empty into drains; dispose of this material and its container in a safe way.

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Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Additional Information: EPA Hazardous Waste Number: D001 (Ignitability).

Ecology – Waste Materials: Hazardous waste due to toxicity.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with D	DT
Proper Shipping Name	: GASOLINE includes gasoline mixed with ethyl alcohol, with not more than 10% alcohol
Hazard Class	: 3
Identification Number	: UN1203
Label Codes	: 3
Packing Group	• 11
Marine Pollutant	: Marine pollutant
ERG Number	: 128
14.2. In Accordance with IN	IDG
Proper Shipping Name	: GASOLINE includes gasoline mixed with ethyl alcohol, with not more than 10% alcohol
Hazard Class	: 3
Identification Number	: UN1203
Packing Group	: 11
Label Codes	: 3
EmS-No. (Fire)	: F-E 🖉
EmS-No. (Spillage)	: S-E
Marine Pollutant	: Marine pollutant
14.3. In Accordance with IA	ΤΑ
Proper Shipping Name	: GASOLINE includes gasoline mixed with ethyl alcohol, with not more than 10% alcohol
Packing Group	: 11
Identification Number	: UN1203
Hazard Class	: 3
Label Codes	: 3
ERG Code (IATA)	: 3H

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations		
Unleaded Gasoline		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
	Delayed (chronic) health hazard	
	Fire hazard	
Benzene (71-43-2)		
Listed on the United States TSCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313		
RQ (Reportable quantity, section 304 of EPA's List of	10 lb	
Lists)		
SARA Section 311/312 Hazard Classes	Fire hazard	
	Immediate (acute) health hazard	
	Delayed (chronic) health hazard	
SARA Section 313 - Emission Reporting	0.1 %	
Cyclohexane (110-82-7)		
Listed on the United States TSCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule	
	under TSCA.	
SARA Section 313 - Emission Reporting	1.0 %	
Ethylbenzene (100-41-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Listed on United States SARA Section 313		
RQ (Reportable quantity, section 304 of EPA's List of	1000 lb	
Lists)		
S/2016 EN (English US)		

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SARA Section 313 - Emission Reporting	0.1 %	
Hexane (110-54-3)	·	
Listed on the United States TSCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313		
SARA Section 313 - Emission Reporting	1.0 %	
Naphthalene (91-20-3)		
Listed on the United States TSCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule	
	under TSCA.	
RQ (Reportable quantity, section 304 of EPA's List of	100 lb	
Lists)		
SARA Section 313 - Emission Reporting	0.1%	
Toluene (108-88-3)		
Listed on the United States ISCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313	1000 lb	
Liete)	1000 10	
SARA Section 313 - Emission Reporting	10%	
Xylenes (o. m. p. isomers) (1230-20-7)	1.0 /0	
Listed on the United States TSCA (Toxic Substances Contr	ol Act) inventory	
Listed on United States SARA Section 313	or Acy inventory	
RQ (Reportable quantity, section 304 of EPA's List of	100 lb	
Lists)		
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard	
	Fire hazard	
	Immediate (acute) health hazard	
SARA Section 313 - Emission Reporting	1.0 %	
15.2 US State Regulations		
Benzene (71-43-2)		
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of	
	California to cause cancer.	
U.S California - Proposition 65 - Developmental	WARNING: This product contains chemicals known to the State of	
	California to cause birth defects.	
U.S California - Proposition 65 - Reproductive	California to cause (Male) reproductive barm	
Ethylbenzene (100-41-4)		
IIS - California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of	
	California to cause cancer.	
Naphthalene (91-20-3)		
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of	
	California to cause cancer.	
Toluene (108-88-3)	·	
U.S California - Proposition 65 - Developmental	WARNING: This product contains chemicals known to the State of	
Toxicity	California to cause birth defects.	
U.S California - Proposition 65 - Reproductive	WARNING: This product contains chemicals known to the State of	
Toxicity - Female	California to cause (Female) reproductive harm.	
Benzene (71-43-2)		
U.S Massachusetts - Right To Know List		
U.S New Jersey - Right to Know Hazardous Substance List		
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
U.S Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
U.S Pennsylvania - RTK (Right to Know) List		
Cyclohexane (110-82-7)		
U.S Massachusetts - Right To Know List		

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U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
U.S Pennsylvania - RTK (Right to Know) List	
Ethylbenzene (100-41-4)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) - Environmental I	lazard List
U.S Pennsylvania - RTK (Right to Know) List	
Hexane (110-54-3)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) List	
Naphthalene (91-20-3)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) - Environmental H	lazard List
U.S Pennsylvania - RTK (Right to Know) List	
Toluene (108-88-3)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
U.S Pennsylvania - RTK (Right to Know) List	
Xylenes (o-, m-, p- isomers) (1330-20-7)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	t
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
U.S Pennsylvania - RTK (Right to Know) List	
Gasoline, motor fuel (86290-81-5)	
U.S Massachusetts - Right To Know List	
U.S New Jersey - Right to Know Hazardous Substance List	
U.S Pennsylvania - RTK (Right to Know) List	
SECTION 16: OTHER INFORMATION, INCLUDING	DATE OF PREPARATION OR LAST REVISION
Revision Date :	06/28/2016
Other Information :	This document has been prepared in accordance with the SDS

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 1	Flammable liquids Category 1
Flam. Liq. 2	Flammable liquids Category 2

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Fiam. Sol. 2 Fiammable liquids Category 3 Flam. Sol. 2 Muta. 1B Metra. 1B Germ cell mutagenicity Category 1B Repr. 2 Reproductive toxicity Category 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT SE 3 Specific target organ toxicity (repeated exposure) Category 1 STOT SE 4 Specific target organ toxicity (indice exposure) Category 1 STOT SE 5 Specific target organ toxicity (indice exposure) Category 1 STOT SE 4 Specific target organ toxicity (indice exposure) Category 3 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable liquid and vapor H304 May be fatal if swallowed H315 Causes serious eye irritation H316 Causes serious eye irritation H332 Harmful if inhaled H330 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H350 Causes damage to organs through prolonged or repeated exposure H351 Subjected of causing fertility or the unborn child				
Flam: Sol. 2 Flammable solids Category 2 Muta. 18 Germ cell mutagenicity Category 18 Repr. 2 Reproductive toxikity Category 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT RE 2 Specific target organ toxicity (single exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable solid H302 Harmful i swallowed H302 Harmful in contact with skin H312 Causes serious eye irritation H313 Causes serious eye irritation H324 Suspected of causing cancer H336 May cause drowsiness or dizziness H340 May cause drowsines through prolonged or repeated exposure H336 May cause drowsines through prolonged or repeated exposure H336 May cause drowsines or dizziness H340 May cause drowsines or dizziness H351 Causes serious eye irritation H352 Causes damage to organs </th <th></th> <th>Flam. Liq. 3</th> <th></th> <th>Flammable liquids Category 3</th>		Flam. Liq. 3		Flammable liquids Category 3
Muta. 1B Germ cell mutagenicity Category 1B Repr. 2 Reproductive toxicity Category 2 Skin Irrit. 2 Skin Irrit. 2 Strof RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable solid H302 Harmful if swallowed H304 May be fatal if swallowed H304 May be fatal if swallowed H315 Causes skin irritation H316 Causes skin irritation H326 Harmful if swallowed H336 May cause drowsiness or diziness H340 May cause drowsiness or diziness H351 Suspected of damaging fertility or the unborn child H370 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H373 May cause danage to organs through prolonged or repeated exposure<		Flam. Sol. 2		Flammable solids Category 2
Repr. 2 Reproductive toxicity Category 2 Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable solid H302 Harmful in contact with skin H312 Harmful in swallowed H312 Harmful if swallowed H313 Causes skin irritation H314 May be faal if swallowed and enters airways H315 Causes serious eye irritation H336 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H351 Suspected of causing cancer H351 Suspected of causing cancer H372 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H410 Toxic to aquatic life		Muta. 1B		Germ cell mutagenicity Category 1B
Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 1 Specific target organ toxicity (ingle exposure) Category 3 H224 Extremely fammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable solid H302 Harmful if swallowed and enters airways H315 Causes skni intration H316 Causes skni intration H336 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H315 Causes skni intration H336 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H370 Causes damage to organs H371 Suspected of damaging fertility or the unborn child H370 Causes damage to organs through prolonged or repeated exposure H371 May cause damage to organs through prolonged or repeated exposure H372 Causes damage to organs through prolonged or repeated exposure H373 May cause damage to organs through prolonged or repeated exposure		Repr. 2		Reproductive toxicity Category 2
STOT RE 1 Specific target organ toxicity (repeated exposure) Category 1 STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 1 Specific target organ toxicity (single exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable liquid and vapor H228 Harmful if swallowed and enters airways H304 May be fatal if swallowed and enters airways H312 Harmful in contact with skin H313 Causes skin irritation H323 Harmful if inhaled H336 May cause drowsiness or diziness H340 May cause ganetic defects H350 May cause ganetic defects H351 Suspected of causing cancer H361 Suspected of causing through prolonged or repeated exposure H372 Causes damage to organs H372 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H401 Toxic to aquatic life <		Skin Irrit. 2		Skin corrosion/irritation Category 2
STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2 STOT SE 1 Specific target organ toxicity (single exposure) Category 1 STOT SE 3 Specific target organ toxicity (single exposure) Category 1 H224 Extremely flammable liquid and vapor H225 Highly flammable liquid and vapor H226 Flammable solid H302 Harmful if swallowed H302 Harmful if swallowed and enters airways H315 Causes skin irritation H315 Causes skin irritation H326 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H340 May cause drowsiness or dizziness H351 Suspected of damaging fertility or the unborn child H370 Causes damage to organs H371 May cause drogs through prolonged or repeated exposure H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H411 Toxic to aquatic life H412 Harmful to aquatic life with long lasting effects H411 Toxic to aquatic life with long lasting effects H411 Toxic to aquatic life wi		STOT RE 1		Specific target organ toxicity (repeated exposure) Category 1
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H225Highly flammable liquid and vaporH226Flammable liquid and vaporH228Flammable solidH302Harmful if swallowedH304May be fatal if swallowed and enters airwaysH315Causes skin irritationH319Causes skin irritationH328Harmful in contact with skinH319Causes serious eye irritationH320Harmful if inhaledH336May cause genetic defectsH350May cause genetic defectsH351Suspected of causing cancerH351Suspected of damaging fertility or the unborn childH370Causes damage to organsH371May cause damage to organs through prolonged or repeated exposureH372Causes damage to organs through prolonged or repeated exposureH373May cause damage to organs through prolonged or repeated exposureH400Very toxic to aquatic lifeH410Toxic to aquatic lifeH411Toxic to aquatic lifeH412Harmful to aquatic life with long lasting effectsH413Si - Liquids and solids that can be ignited under almost all ambient conditions.NFPA Health Hazard: 2 - Intense or continued exposure conditions, and are not reactive with water.MKIS III Rating: 2 Moderate Hazard - Temporary or minor injury may occurHaiting: 2 Moderate Hazard - Temporary or minor injury may occurFlammability: 3 Serious Hazard		H224		Extremely flammable liquid and vapor
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H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways H312 Harmful in contact with skin H315 Causes skin irritation H319 Causes serious eye irritation H322 Harmful if inhaled H333 Harmful if inhaled H336 May cause genetic defects H350 May cause genetic defects H351 Suspected of causing cancer H361 Suspected of damaging fertility or the unborn child H370 Causes damage to organs through prolonged or repeated exposure H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H410 Very toxic to aquatic life H411 Toxic to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects NFPA Fire Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. NFPA Fire Hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.		H228		Flammable solid
H304 May be fatal if swallowed and enters airways H312 Harmful in contact with skin H315 Causes skin irritation H319 Causes serious eye irritation H332 Harmful if inhaled H336 May cause drowsiness or dizziness H340 May cause genetic defects H351 Suspected of causing cancer H361 Suspected of damaging fertility or the unborn child H370 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H373 May cause direct organs through prolonged or repeated exposure H410 Toxic to aquatic life H410 Very toxic to aquatic life H411 Toxic to aquatic life H412 Harmful to aquatic life with long lasting effects H411 Toxic to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects NFPA Fire Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. HMIS III Rating		H302		Harmful if swallowed
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H332 Harmful if inhaled H336 May cause drowsiness or dizziness H340 May cause genetic defects H350 May cause genetic defects H351 Suspected of causing cancer H361 Suspected of damaging fertility or the unborn child H370 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H410 Toxic to aquatic life H411 Toxic to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects NFPA Fire Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. NFPA Fire Hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur		H319 H332 H336 H340 H350		Causes serious eye irritation
H336 May cause drowsiness or dizziness H340 May cause genetic defects H350 May cause cancer H351 Suspected of causing cancer H361 Suspected of damaging fertility or the unborn child H370 Causes damage to organs H372 Causes damage to organs through prolonged or repeated exposure H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H401 Toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects H411 Toxic to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects NFPA Health Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. NFPA Fire Hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Health : 3 Serious Hazard Health : 3 Serious Hazard				Harmful if inhaled
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 NFPA Health Hazard 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. NFPA Fire Hazard 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA Reactivity 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. HMIS III Rating Health 2 Moderate Hazard - Temporary or minor injury may occur Flammability 3 Serious Hazard 0 Minimal Hazard 		H412		Harmful to aquatic life with long lasting effects
NFPA Fire Hazard: 3 - Liquids and solids that can be ignited under almost all ambient conditions.NFPA Reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.HMIS III Rating: 2 Moderate Hazard - Temporary or minor injury may occurHealth: 2 Moderate HazardFlammability: 3 Serious HazardPhysical: 0 Minimal Hazard	NFPA	Health Hazard	: 2 - Intense	or continued exposure could cause
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 NFPA Fire Hazard S - Liquids and solids that can be ignited under almost all ambient conditions. NFPA Reactivity O - Normally stable, even under fire exposure conditions, and are not reactive with water. HMIS III Rating Health 2 Moderate Hazard - Temporary or minor injury may occur Flammability 3 Serious Hazard 0 Minimal Hazard 			unless pror	npt medical attention is given.
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	Physical : 0 Minimal H			Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)