### Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product name</th>
<th>ATOSOL 115</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier</td>
<td>Total Petrochemicals &amp; Refining USA, Inc.</td>
</tr>
<tr>
<td>P O Box</td>
<td>674411</td>
</tr>
<tr>
<td>Houston,TX</td>
<td>77267-4411</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>Aromatic Hydrocarbon</td>
</tr>
<tr>
<td>CAS Registry Number</td>
<td>64742-95-6</td>
</tr>
<tr>
<td>Synonym</td>
<td>Gasoline Re-run Overhead</td>
</tr>
</tbody>
</table>

**In Case of Emergency**
- Chemtrec: (800) 424-9300
- Total Petrochemicals & Refining USA, Inc.: (800) 322-3462

**Technical Information**
- For non-emergency product information: email product.stewardship@total.com

### Section 2. Hazards Identification

**Emergency Overview**
- FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.
- MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD.
- MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
- MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: NERVOUS SYSTEM, RESPIRATORY TRACT, SKIN, EYES.

**Routes of Entry**
- Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

**Potential Acute Health Effects**
- **Eyes**
  - May cause eye irritation.

- **Skin**
  - May cause skin irritation. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

- **Inhalation**
  - May cause respiratory tract irritation. Excessive or prolonged breathing may cause central nervous system effects.

- **Ingestion**
  - May cause irritation of gastrointestinal tract. If swallowed, aspiration into lungs may result in chemical pneumonitis and severe pulmonary injury.

**Potential Chronic Health Effects**
- Chronic overexposure to this material may cause systemic toxicity, including adverse reactions to the following: kidney, liver, spleen, adrenals, lungs, skin, blood, testes, cardiovascular and nervous systems.

- **CARCINOGENIC EFFECTS:** Mixture may contain minor components that may be known to cause cancer. [Ethylbenzene - IARC 2B, Naphthalene - IARC 2B].

- **TERATOGENIC EFFECTS:** Mixture may contain minor components that may cause adverse reproductive and/or developmental effects.

**Medical Conditions Aggravated by Overexposure**
- Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

**Overexposure /Signs/Symptoms**
- Prolonged or repeated exposure to this product can cause central nervous system effects (headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, respiratory arrest and death) and irritation to the eyes, skin, and respiratory tract. Frequent skin contact can remove skin oils, resulting in dermatitis.

See Toxicological Information (Section 11)
Section 3. Composition and Information on Ingredients

Occupational exposure limits, if available, are listed in Section 8.

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>CAS #</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>64742-95-6</td>
<td>100</td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>20 - 30</td>
</tr>
<tr>
<td>3-ethyltoluene</td>
<td>620-14-4</td>
<td>10 - 20</td>
</tr>
<tr>
<td>o-xylene</td>
<td>95-47-6</td>
<td>5 - 15</td>
</tr>
<tr>
<td>mesitylene</td>
<td>108-67-8</td>
<td>5 - 10</td>
</tr>
<tr>
<td>1,2,3-trimethylbenzene</td>
<td>526-73-8</td>
<td>2 - 8</td>
</tr>
<tr>
<td>2-ethyltoluene</td>
<td>611-14-3</td>
<td>2 - 8</td>
</tr>
<tr>
<td>4-ethyltoluene</td>
<td>622-96-8</td>
<td>2 - 8</td>
</tr>
<tr>
<td>m-xylene</td>
<td>108-38-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>cumene</td>
<td>98-82-8</td>
<td>0.5 - 5</td>
</tr>
<tr>
<td>p-xylene</td>
<td>106-42-3</td>
<td>0.5 - 5</td>
</tr>
<tr>
<td>4-ethyl-o-xylene</td>
<td>934-80-5</td>
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<tr>
<td>3-propyltoluene</td>
<td>1074-43-7</td>
<td>1 - 3</td>
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<tr>
<td>2-ethyl-p-xylene</td>
<td>1758-88-9</td>
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</tr>
<tr>
<td>4-propyltoluene</td>
<td>1074-55-1</td>
<td>0.5 - 2</td>
</tr>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>0.1 - 0.9</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact: Flush with large amounts of water. If redness persists, get medical attention.

Skin Contact: If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible. Wash contaminated skin with soap and water.

Inhalation: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Ingestion: DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product: Combustible.

Auto-ignition Temperature: > 400 C

Flash Points: Closed cup: 46.1°C (115°F). (Tagliabue.)

Flammable Limits: LOWER: 1%  UPPER: 7%

Products of Combustion: Decomposition products may include the following materials:
- carbon dioxide
- carbon monoxide

Fire Hazards in Presence of Various Substances: Combustible.

Explosion Hazards in Presence of Various Substances:
- Risks of explosion of the product in presence of mechanical impact: Not expected.
- Risks of explosion of the product in presence of static discharge: Expected.

Fire Fighting Media and Instructions:
- SMALL FIRE: Use DRY chemical powder, halon, and CO2.
- LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

Protective Clothing (Fire): Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear (Bunker gear).
Section 6. Accidental Release Measures

Small Spill and Leak
Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill and Leak
Contain spill and safely stop the flow.
Warn personnel to move away.
Eliminate all sources of ignition.
Ventilate.
Absorb with an inert material (sand) and put the spilled material in an appropriate waste disposal.
Dike spill area and do not allow product to reach sewage system and surface or ground water.

Section 7. Handling and Storage

Handling
Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage
Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool and well-ventilated area. Ground all equipment containing material. Keep container dry. Keep in a cool place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

All efforts should be made to prevent any leaks or spills. Storage tanks containing should be engineered to prevent contact with water resources, as this material could contaminate the water resources. Surface spills can reach groundwater through porous soil or cracked surfaces. The storage tanks should be monitored regularly for leaks. Where spills or leaks are possible, a comprehensive response plan should be developed and implemented.

Section 8. Exposure Controls/Personal Protection

Engineering Controls
Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Personal Protection

Eyes
Splash goggles. Safety glasses.

Body
Flame retardant clothing covering the entire body.

Respiratory
Use a MSHA/NIOSH approved respirator or equivalent at high concentrations.

Hands
Chemical resistant gloves if contact is possible.

Feet
Shoes.

Protective Clothing
(Pictograms)

Personal Protection in Case of a Large Spill
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name

Total Petrochemicals & Refining USA, Inc.
Solvent naphtha (petroleum), light arom.

1,2,4-trimethylbenzene

ACGIH TLV (United States, 3/2012).
TWA: 25 ppm 8 hours.
TWA: 123 mg/m³ 8 hours.

NIOSH REL (United States, 6/2009).
TWA: 25 ppm 10 hours.
TWA: 125 mg/m³ 10 hours.

3-ethyltoluene

NIOSH REL (United States, 6/2009).
TWA: 100 ppm 10 hours.
STEL: 150 ppm 15 minutes.
TWA: 434 mg/m³ 8 hours.
STEL: 651 mg/m³ 15 minutes.

ACGIH TLV (United States, 3/2012).
TWA: 100 ppm 8 hours.
TWA: 434 mg/m³ 8 hours.

STEL: 150 ppm 15 minutes.
STEL: 651 mg/m³ 15 minutes.

OSHA PEL (United States, 6/2010).
TWA: 100 ppm 8 hours.
TWA: 435 mg/m³ 8 hours.

mesitylene

ACGIH TLV (United States, 3/2012).
TWA: 25 ppm 8 hours.
TWA: 123 mg/m³ 8 hours.

NIOSH REL (United States, 6/2009).
TWA: 25 ppm 10 hours.
TWA: 125 mg/m³ 10 hours.

1,2,3-trimethylbenzene

ACGIH TLV (United States, 3/2012).
TWA: 25 ppm 8 hours.
TWA: 123 mg/m³ 8 hours.

NIOSH REL (United States, 6/2009).
TWA: 25 ppm 10 hours.
TWA: 125 mg/m³ 10 hours.

2-ethyltoluene
4-ethyltoluene

m-xylene

NIOSH REL (United States, 6/2009).
TWA: 100 ppm 10 hours.
STEL: 150 ppm 15 minutes.
TWA: 435 mg/m³ 10 hours.
STEL: 655 mg/m³ 15 minutes.

ACGIH TLV (United States, 3/2012).
TWA: 100 ppm 8 hours.
TWA: 434 mg/m³ 8 hours.

STEL: 150 ppm 15 minutes.
STEL: 651 mg/m³ 15 minutes.

OSHA PEL (United States, 6/2010).
TWA: 100 ppm 8 hours.
TWA: 435 mg/m³ 8 hours.

cumene

NIOSH REL (United States, 6/2009).
TWA: 50 ppm 10 hours.
TWA: 245 mg/m³ 10 hours.

ACGIH TLV (United States, 3/2012).
TWA: 50 ppm 8 hours.
OSHA PEL (United States, 6/2010).
TWA: 50 ppm 8 hours.
TWA: 245 mg/m³ 8 hours.

p-xylene

NIOSH REL (United States, 6/2009).
TWA: 100 ppm 10 hours.
STEL: 150 ppm 15 minutes.
TWA: 435 mg/m³ 10 hours.
STEL: 655 mg/m³ 15 minutes.

ACGIH TLV (United States, 3/2012).
TWA: 100 ppm 8 hours.
TWA: 434 mg/m³ 8 hours.

STEL: 150 ppm 15 minutes.
STEL: 651 mg/m³ 15 minutes.

OSHA PEL (United States, 6/2010).
TWA: 100 ppm 8 hours.
TWA: 435 mg/m³ 8 hours.

4-ethyl-o-xylene
3-propyltoluene
2-ethyl-p-xylene
4-propyltoluene

naphthalene

ACGIH TLV (United States, 3/2012). Absorbed through skin.
TWA: 10 ppm 8 hours.
STEL: 15 ppm 15 minutes.
TWA: 52 mg/m³ 8 hours.
STEL: 79 mg/m³ 15 minutes.
OSHA PEL (United States, 6/2010).
TWA: 10 ppm 8 hours.
TWA: 50 mg/m³ 8 hours.
NIOSH REL (United States, 6/2009).
TWA: 10 ppm 10 hours.
TWA: 50 mg/m³ 10 hours.
STEL: 15 ppm 15 minutes.
STEL: 75 mg/m³ 15 minutes.
OSHA PEL (United States, 6/2010).
TWA: 100 ppm 8 hours.
TWA: 435 mg/m³ 8 hours.
NIOSH REL (United States, 6/2009).
TWA: 100 ppm 10 hours.
STEL: 125 ppm 15 minutes.
TWA: 435 mg/m³ 10 hours.
STEL: 545 mg/m³ 15 minutes.
ACGIH TLV (United States, 3/2012).
TWA: 20 ppm 8 hours.

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

| Physical State and Appearance | Liquid. |
| Color                       | Clear. |
| Odor                        | Aromatic. |
| Molecular Weight            | Not determined. |
| Molecular Formula           | Not applicable. |
| Boiling/Condensation Point  | 145 to 185°C (293 to 365°F) |
| Specific Gravity            | 0.86 to 0.88 (Water = 1) |
| Volatility                  | 100% (v/v). |
| VOC                         | 100 (%) |
| Solubility in Water         | Negligible. |

### Section 10. Stability and Reactivity

| Stability and Reactivity | The product is stable. |
| Conditions of Instability | No additional remark. |
| Incompatibility with Various Substances | Extremely reactive or incompatible with oxidizing agents. |
| Hazardous Decomposition Products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. In a fire, hazardous decomposition products may be produced. |
| Hazardous Polymerization | Under normal conditions of storage and use, hazardous polymerization will not occur. |

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Toxicity to Animals</th>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha (petroleum), light arom. m-xylene</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>8400 mg/kg</td>
<td>-</td>
<td></td>
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<tr>
<td>m-xylene</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>14100 uL/kg</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>p-xylene</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4988 mg/kg</td>
<td>-</td>
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<tr>
<td>p-xylene</td>
<td>LD50 Intraperitoneal</td>
<td>Rat</td>
<td>3810 mg/kg</td>
<td>-</td>
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<tr>
<td>p-xylene</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3910 mg/kg</td>
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</tr>
<tr>
<td>o-xylene</td>
<td>LC50 Inhalation Gas.</td>
<td>Rat</td>
<td>4550 ppm</td>
<td>4 hours</td>
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<tr>
<td>cumene</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3567 mg/kg</td>
<td>-</td>
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</tr>
<tr>
<td>cumene</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>12300 uL/kg</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
May cause damage to the following organs: the nervous system, upper respiratory tract, skin, eyes.

Chronic overexposure to this material may cause systemic toxicity, including adverse reactions to the following: kidney, liver, spleen, adrenals, lungs, skin, blood, testes, cardiovascular and nervous systems.

CARCINOGENIC EFFECTS: Mixture may contain minor components that may be known to cause cancer.

TERATOGENIC EFFECTS: Mixture may contain minor components that may cause adverse reproductive and/or developmental effects.

Chronic Effects on Humans

LD50 Oral Rat 1400 mg/kg -
LD50 Oral Rat 2.9 gm/kg -
LC50 Inhalation Vapor Rat 39000 mg/m3 4 hours

4-ethyltoluene
LD50 Intraperitoneal Rat 1122 mg/kg -
LD50 Oral Rat 4850 mg/kg -

1,3,5-Trimethylbenzene
LD50 Oral Rat 5000 mg/kg -
LC50 Inhalation Vapor Rat 24000 mg/m3 4 hours

1,2,4-trimethylbenzene
LD50 Oral Rat 5 g/kg -
LC50 Inhalation Vapor Rat 18000 mg/m3 4 hours

naphthalene
LD50 Dermal Rabbit >20 gm/kg -
LD50 Dermal Rat >2500 mg/kg -
LD50 Oral Rat 490 mg/kg -
LD50 Unreported Rat 1250 mg/kg -

ethylenbenzene
LD50 Dermal Rabbit >5000 mg/kg -
LD50 Dermal Rabbit 17800 uL/kg -
LD50 Oral Rat 3500 mg/kg -
LC50 Inhalation Vapor Rat 55000 mg/m3 2 hours

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Constituents of this type of aromatic solvent are expected to biodegrade.
Mobility Constituents of this type of aromatic solvent are expected to partition between air, water, and soil.

Section 13. Disposal Considerations

Waste Information Recover free liquid. Transfer to a safe disposal area in accordance with federal, state, and local regulations.

This material, as supplied, when discarded or disposed of, is a hazardous waste according to Federal regulations (40 CFR 261) due to its ignitability and due the composition containing some listed components (toluene, xylenes, cumene and others). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Disposal can occur only in properly permitted facilities. Chemical additions, processing or otherwise altering this material may make the waste management information presented in the MSDS incomplete, inaccurate, or other inappropriate.

Consult your local or regional authorities.

Section 14. Transport Information (for domestic bulk shipments, non-bulk shipments may differ)

DOT Classification for Bulk Shipments (non bulk shipments may differ) 3

Proper Shipping Name/ Description UN1268, Petroleum Distillates, n.o.s., 3, PGLI RQ (mixed Xylenes, Naphthalene)

UN Number UN1268

Total Petrochemicals & Refining USA, Inc.
Packing Group: III
Marine Pollutant: Not listed in Appendix B to 49CFR172.101

**Hazardous Substances**

Reportable Quantity:
- Mixed Xylenes 100 lbs
- Naphthalene 100 lbs
- Ethylbenzene 1000 lbs
- Cumene 5000 lbs


TDG Classification: TDG Class 3: Flammable liquid.
IMO/IMDG Classification: IMDG Class 3: Flammable liquid.
ICAO/IATA Classification: IATA Class 3: Flammable liquid.

USCG Proper Shipping Name: Naphtha: Aromatic

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**Section 15. Regulatory Information**

**HCS Classification**
- Combustible liquid
- Carcinogen
- Target organ effects

**U.S. Federal Regulations**
- TSCA 4(a) final test rules: p-xylene; naphthalene
- TSCA 8(a) PAIR: p-xylene; ethylbenzene; naphthalene
- **United States inventory (TSCA 8b):** This product listed on TSCA inventory under CAS RN 64742-95-6.
- TSCA 12(b) one-time export: p-xylene; naphthalene

**SARA 302/304/311/312 extremely hazardous substances:** To the best of our knowledge, there are no substances that would be at reportable levels for this regulation in this product.

**SARA 302/304 emergency planning and notification:** To the best of our knowledge, there are no substances that would be at reportable levels for this regulation in this product.

**SARA 302/304/311/312 hazardous chemicals:** 1,2,3-trimethylbenzene; 1,2,4-trimethylbenzene; 1,3,5-Trimethylbenzene; propylbenzene; cumene; o-xylene; p-xylene; m-xylene

**SARA 311/312 MSDS distribution - chemical inventory - hazard identification:** ATOSOL 115 [Solvent naphtha (petroleum), light arom.]: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

**SARA 313 Supplier Notification**
This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372 -Table 372.65).

<table>
<thead>
<tr>
<th>Product name</th>
<th>CAS number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>20 - 30</td>
</tr>
<tr>
<td>o-xylene</td>
<td>95-47-6</td>
<td>5 - 15</td>
</tr>
<tr>
<td>m-xylene</td>
<td>108-38-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>cumene</td>
<td>98-82-8</td>
<td>0.5 - 5</td>
</tr>
<tr>
<td>p-xylene</td>
<td>106-42-3</td>
<td>0.5 - 5</td>
</tr>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>0.1 - 0.9</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>

**Clean Water Act (CWA) 307:** ethylbenzene; naphthalene

**Clean Water Act (CWA) 311:** o-xylene; p-xylene; m-xylene; ethylbenzene; naphthalene

**International Regulations**

**WHMIS (Canada)**
- Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-2B: Material causing other toxic effects (Toxic).

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Total Petrochemicals & Refining USA, Inc.
Massachusetts Substances: The following components are listed: M-XYLENE; P-XYLENE; O-XYLENE; CUMENE; PROPYLBENZENE; MESITYLENE; PSEUDOCUMENE; TRIMETHYL BENZENE

New Jersey Hazardous Substances: The following components are listed: m-XYLENE; BENZENE, 1,3-DIMETHYL-; p-XYLENE; BENZENE, 1,4-DIMETHYL-; o-XYLENE; BENZENE, 1,2-DIMETHYL-; CUMENE; PROPYLBENZENE; ETHYLTOLUENES; BENZENE, ETHYLIDENEMETHYL-; ETHYLTOLUENES; BENZENE, ETHYLIDENEMETHYL-; TRIMETHYL BENZENE (mixed isomers); BENZENE, TRIMETHYL-; ETHYLTOLUENES; BENZENE, ETHYLIDENEMETHYL-; PSEUDOCUMENE; TRIMETHYL BENZENE; NAPHTHALENE; MOTH FLAKES; ETHYL BENZENE

New York Acutely Hazardous Substances: The following components are listed: m-Xylene; p-Xylene; o-Xylene; Benzene,1-methylethyl-; Naphthalene; Ethylbenzene

Pennsylvania RTK Hazardous Substances: The following components are listed: BENZENE, 1,3-DIMETHYL-; BENZENE, 1,4-DIMETHYL-; BENZENE, 1,2-DIMETHYL-; BENZENE, (1-METHYLETHYL)-; BENZENE, PROPYL-; BENZENE, TRIMETHYL-; PSEUDOCUMENE; BENZENE, TRIMETHYL-; NAPHTHALENE; BENZENE, ETHYL-

California Prop. 65 WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16. Other Information

Label requirements
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.

MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD.
MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: NERVOUS SYSTEM, RESPIRATORY TRACT, SKIN, EYES.

Hazardous Material Information System (U.S.A.)

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire Hazard</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>* 2</td>
<td>2</td>
<td></td>
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</table>

National Fire Protection Association (U.S.A.)

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire Hazard</th>
<th>Reactivity</th>
<th>Specific Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

References
-HSDB - Hazardous Substances Data Bank
Chemtox Database

Total Petrochemicals & Refining USA, Inc.
Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

To obtain an electronic copy of this MSDS, please email: product.stewardship@total.com.