

# SAFETY DATA SHEET

Chemlease® PMR



## Section 1. Identification

**Product name** : Chemlease® PMR

### Relevant identified uses of the substance or mixture and uses advised against

Release Agent

**Supplier's details** : Chem-Trend LP  
1445 W McPherson Park Dr  
PO Box 860, Howell MI 48844-0860  
517-546-4520

**Emergency telephone number and Telephone number** : +1 517 546 4520

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
ACUTE TOXICITY (dermal) - Category 4  
ACUTE TOXICITY (inhalation) - Category 4  
SKIN IRRITATION - Category 2  
EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION (Fertility) - Category 2  
TOXIC TO REPRODUCTION (Unborn child) - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
ASPIRATION HAZARD - Category 1

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor.  
Harmful in contact with skin or if inhaled.  
Causes serious eye irritation.  
Causes skin irritation.  
Suspected of damaging fertility or the unborn child.  
Suspected of causing cancer.  
May be fatal if swallowed and enters airways.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash hands thoroughly after handling.
- Response** : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name                          | %         | CAS number |
|--|-----------|------------|
| o-xylene                                 | ≥50 - ≤67 | 95-47-6    |
| Solvent naphtha (petroleum), light arom. | ≥10 - ≤25 | 64742-95-6 |
| 1,2,4-trimethylbenzene                   | ≥10 - ≤19 | 95-63-6    |
| mesitylene                               | ≤3        | 108-67-8   |
| cumene                                   | ≤3        | 98-82-8    |
| Toluene                                  | ≤0.3      | 108-88-3   |

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

**Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

**Skin contact** : Harmful in contact with skin. Causes skin irritation.

**Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

**Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

## Section 4. First aid measures

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. 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 only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

| <b>Ingredient name</b> | <b>Exposure limits</b>  |
|------------------------|---|
| o-xylene               | <b>OSHA PEL (United States, 6/2016).</b><br>TWA: 100 ppm 8 hours.<br>TWA: 435 mg/m <sup>3</sup> 8 hours.<br><b>ACGIH TLV (United States, 3/2017).</b><br>TWA: 100 ppm 8 hours.<br>TWA: 434 mg/m <sup>3</sup> 8 hours.<br>STEL: 150 ppm 15 minutes.<br>STEL: 651 mg/m <sup>3</sup> 15 minutes. |
| 1,2,4-trimethylbenzene | <b>ACGIH TLV (United States, 3/2017).</b><br>TWA: 25 ppm 8 hours.<br>TWA: 123 mg/m <sup>3</sup> 8 hours.  |
| mesitylene             | <b>ACGIH TLV (United States, 3/2017).</b><br>TWA: 25 ppm 8 hours.<br>TWA: 123 mg/m <sup>3</sup> 8 hours.  |
| cumene                 | <b>ACGIH TLV (United States, 3/2017).</b><br>TWA: 50 ppm 8 hours.   |

## Section 8. Exposure controls/personal protection

|         |   |
|---------|---|
| Toluene | <b>OSHA PEL (United States, 6/2016). Absorbed through skin.</b><br>TWA: 50 ppm 8 hours.<br>TWA: 245 mg/m <sup>3</sup> 8 hours.<br><b>ACGIH TLV (United States, 3/2017).</b><br>TWA: 20 ppm 8 hours. |
|---------|---|

**Appropriate 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.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

|                         |                           |                                  |  |
|-------------------------|---------------------------|----------------------------------|--|
| <b>Physical state</b>   | Liquid.                   | <b>Color</b>                     | Colorless.                                 |
| <b>Odor</b>             | Solvents                  | <b>Odor threshold</b>            | Not available.                             |
| <b>pH</b>               | Not applicable.           | <b>Melting point</b>             | Not available.                             |
| <b>Boiling point</b>    | 140°C (284°F)             | <b>Flash point</b>               | Closed cup: 29°C (84.2°F) [Pensky-Martens] |
| <b>Burning time</b>     | Not applicable.           | <b>Burning rate</b>              | Not applicable.                            |
| <b>Evaporation rate</b> | 1 (ether (anhydrous) = 1) | <b>Flammability (solid, gas)</b> | Not available.                             |

## Section 9. Physical and chemical properties

|   |   |                                  |   |
|---|---|----------------------------------|---|
| <b>Lower and upper explosive (flammable) limits</b> | Not available.  | <b>Vapor pressure</b>            | 0.85 kPa (6.4 mm Hg) [room temperature] |
| <b>Vapor density</b>                                | >1 [Air = 1]  | <b>Relative density</b>          | 0.88                                    |
| <b>Solubility</b>                                   | Insoluble in the following materials: cold water.           | <b>Solubility in water</b>       | Not available.                          |
| <b>Partition coefficient: n-octanol/water</b>       | Not available.  | <b>Auto-ignition temperature</b> | Not available.                          |
| <b>Decomposition temperature</b>                    | Not available.  | <b>SADT</b>                      | Not available.                          |
| <b>Viscosity</b>                                    | Kinematic (40°C (104°F)): <0.2 cm <sup>2</sup> /s (<20 cSt) | <b>Volatility</b>                | 98.66                                   |

### Lower and upper explosive (flammable) limits

|  |                         |
|--|-------------------------|
| cumene                                   | Lower: 0.9% Upper: 6.5% |
| 1,2,4-trimethylbenzene                   | Lower: 0.9% Upper: 6.4% |
| o-xylene                                 | Lower: 0.9% Upper: 6.7% |
| Solvent naphtha (petroleum), light arom. | Lower: 1.4% Upper: 7.6% |

## Section 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.   |
| <b>Chemical stability</b>                 | : The product is stable.   |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.  |
| <b>Conditions to avoid</b>                | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas. |
| <b>Incompatible materials</b>             | : Reactive or incompatible with the following materials: oxidizing materials   |
| <b>Hazardous decomposition products</b>   | : Formaldehyde and silicon dioxide may be evolved at elevated temperatures.  |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity



## Section 11. Toxicological information

| Product/ingredient name                  | Result                | Species | Dose                    | Exposure |
|--|-----------------------|---------|-------------------------|----------|
| o-xylene                                 | LD50 Oral             | Rat     | 3567 mg/kg              | -        |
| Solvent naphtha (petroleum), light arom. | LD50 Oral             | Rat     | 8400 mg/kg              | -        |
| 1,2,4-trimethylbenzene                   | LC50 Inhalation Vapor | Rat     | 18000 mg/m <sup>3</sup> | 4 hours  |
|  | LD50 Oral             | Rat     | 5 g/kg                  | -        |
| mesitylene                               | LC50 Inhalation Vapor | Rat     | 24000 mg/m <sup>3</sup> | 4 hours  |
|  | LD50 Oral             | Rat     | 5000 mg/kg              | -        |
| cumene                                   | LC50 Inhalation Vapor | Rat     | 39000 mg/m <sup>3</sup> | 4 hours  |
|  | LD50 Oral             | Rat     | 1400 mg/kg              | -        |
| Toluene                                  | LC50 Inhalation Vapor | Rat     | 49 g/m <sup>3</sup>     | 4 hours  |
|  | LD50 Oral             | Rat     | 636 mg/kg               | -        |

**Irritation/Corrosion** : Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

**Sensitization** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Carcinogenicity** : Suspected of causing cancer.

**Reproductive toxicity** : Suspected of damaging fertility or the unborn child.

**Teratogenicity** : No known significant effects or critical hazards.

### Specific target organ toxicity (single exposure)

| Name                                     | Target organs                                     |
|--|---|
| o-xylene                                 | Respiratory tract irritation                      |
| Solvent naphtha (petroleum), light arom. | Respiratory tract irritation and Narcotic effects |
| 1,2,4-trimethylbenzene                   | Respiratory tract irritation                      |
| mesitylene                               | Respiratory tract irritation                      |
| cumene                                   | Respiratory tract irritation                      |
| Toluene                                  | Narcotic effects                                  |

### Specific target organ toxicity (repeated exposure)

| Name                                     | Target organs           |
|--|-------------------------|
| Solvent naphtha (petroleum), light arom. | Not determined          |
| Toluene                                  | eyes and hearing organs |

### Aspiration hazard

| Name                                     | Result                         |
|--|--------------------------------|
| o-xylene                                 | ASPIRATION HAZARD - Category 1 |
| Solvent naphtha (petroleum), light arom. | ASPIRATION HAZARD - Category 1 |
| 1,2,4-trimethylbenzene                   | ASPIRATION HAZARD - Category 1 |
| cumene                                   | ASPIRATION HAZARD - Category 1 |
| Toluene                                  | ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

**Skin contact** : Harmful in contact with skin. Causes skin irritation.

**Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics



## Section 11. Toxicological information

### Eye contact

Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

### Inhalation

Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Skin contact

Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Ingestion

Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route               | ATE value    |
|---------------------|--------------|
| Oral                | 4932.8 mg/kg |
| Dermal              | 1193 mg/kg   |
| Inhalation (vapors) | 13.36 mg/l   |

## Section 12. Ecological information

No known significant effects or critical hazards.

## Section 13. Disposal considerations

- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- RCRA classification** : D001 Because of its ignitability if the product is disposed of in its original form.

## Section 14. Transport information

|                                   | <b>DOT Classification</b> | <b>Bulk</b>    | <b>TDG Classification</b> | <b>IATA</b>    | <b>IMDG</b>    |
|-----------------------------------|---------------------------|----------------|---------------------------|----------------|----------------|
| <b>UN number</b>                  | UN1866                    | UN1866         | UN1866                    | UN1866         | UN1866         |
| <b>UN proper shipping name</b>    | Resin Solution            | Resin solution | RESIN SOLUTION            | Resin solution | RESIN SOLUTION |
| <b>Transport hazard class(es)</b> | 3                         | 3              | 3                         | 3              | 3              |
| <b>Packing group</b>              | III                       | III            | III                       | III            | III            |
| <b>Environmental hazards</b>      | No.                       | No.            | No.                       | No.            | No.            |

**Emergency Response Guidebook (ERG):** 127

### Additional information

- DOT Classification** : **Reportable quantity** 1767.3 lbs / 802.37 kg [240.87 gal / 911.79 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.  
**Limited quantity** Yes.  
**Packaging instruction** Exceptions: 150. Non-bulk: 173. Bulk: 242.  
**Quantity limitation** Passenger aircraft/rail: 60 L. Cargo aircraft: 220 L.  
**Special provisions** B1, B52, IB3, T2, TP1
- TDG Classification** : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).  
**Explosive Limit and Limited Quantity Index** 5  
**Passenger Carrying Road or Rail Index** 60
- IMDG** : **Emergency schedules** F-E, \_S-E\_  
**Special provisions** 223, 955

## Section 14. Transport information

**IATA** : **Quantity limitation** Passenger and Cargo Aircraft: 60 L. Packaging instructions: 355. Cargo Aircraft Only: 220 L. Packaging instructions: 366. Limited Quantities - Passenger Aircraft: 10 L. Packaging instructions: Y344.  
**Special provisions** A3

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### Inventory list

**Australia** : All components are listed or exempted.  
**Canada** : At least one component is not listed in DSL but all such components are listed in NDSL.  
**China** : All components are listed or exempted.  
**Europe** : Contact local supplier or distributor.  
**Japan** : **Japan inventory (ENCS):** All components are listed or exempted.  
**Japan inventory (ISHL):** Not determined.  
**New Zealand** : All components are listed or exempted.  
**Philippines** : All components are listed or exempted.  
**Republic of Korea** : All components are listed or exempted.  
**Taiwan** : All components are listed or exempted.  
**United States** : All components are listed or exempted.

### **Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)**

| Ingredient name | Status |
|-----------------|--------|
| o-xylene        | Listed |
| cumene          | Listed |
| Xylene          | Listed |
| Toluene         | Listed |

### **SARA 302/304**

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### **SARA 311/312**

**Classification** : FLAMMABLE LIQUIDS - Category 3  
ACUTE TOXICITY (dermal) - Category 4  
ACUTE TOXICITY (inhalation) - Category 4  
SKIN IRRITATION - Category 2  
EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION (Fertility) - Category 2  
TOXIC TO REPRODUCTION (Unborn child) - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
ASPIRATION HAZARD - Category 1

## Section 15. Regulatory information

### SARA 313

|                                 | Product name           | CAS number | %         |
|---------------------------------|------------------------|------------|-----------|
| Form R - Reporting requirements | o-xylene               | 95-47-6    | ≥50 - ≤67 |
|                                 | 1,2,4-trimethylbenzene | 95-63-6    | ≥10 - ≤19 |
|                                 | cumene                 | 98-82-8    | ≤3        |
| Supplier notification           | o-xylene               | 95-47-6    | ≥50 - ≤67 |
|                                 | 1,2,4-trimethylbenzene | 95-63-6    | ≥10 - ≤19 |
|                                 | cumene                 | 98-82-8    | ≤3        |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

#### Massachusetts

: The following components are listed: O-XYLENE; O-DIMETHYLBENZENE; MESITYLENE; 1,3,5 TRIMETHYL BENZENE; CUMENE; 1-METHYLETHYLBENZENE; PSEUDOCUMENE

#### New York

: The following components are listed: o-Xylene; Cumene; Benzene, 1-methylethyl-

#### New Jersey

: The following components are listed: o-XYLENE; BENZENE, 1,2-DIMETHYL-; TRIMETHYL BENZENE (mixed isomers); BENZENE, TRIMETHYL-; CUMENE; BENZENE, (1-METHYLETHYL-); PSEUDOCUMENE; 1,2,4-TRIMETHYL BENZENE

#### Pennsylvania

: The following components are listed: BENZENE, 1,2-DIMETHYL-; BENZENE, (1-METHYLETHYL-); PSEUDOCUMENE

### California Prop. 65

**⚠ WARNING:** This product can expose you to chemicals including benzene, ethylene oxide; oxirane, which are known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including cumene, ethylbenzene, 1,4-dioxane, which are known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Section 16. Other information

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

Health : 3 \*      Flammability : 3      Physical hazards : 0      Personal protection Code : H

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

Health : 1      Flammability : 3      Instability/Reactivity : 0      Special : -

### History

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## Section 16. Other information

### Key to abbreviations

- : ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- UN = United Nations

✔ Indicates information that has changed from previously issued version.

### Notice to reader

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