1. Identification

1.1. Product identifier
Product Identity: AP-5100S MOISTURE CURE POLYURETHANE (SILVER)
Alternate Names: AP-5100S MOISTURE CURE POLYURETHANE (SILVER)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: For professional use only. See Technical Data Sheet.
Application Method: See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Company Name: United Asphalt Company
Address: 237 North Grove Street
City: Berlin, NJ 08009
Telephone: 800-424-9300
800-843-0317

2. Hazard(s) identification

2.1. Classification of the substance or mixture
Acute Tox. 4; H332 Harmful if inhaled.
Skin Irrit. 2; H315 Causes skin irritation.
Eye Irrit. 2; H319 Causes serious eye irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.
Resp. Sens. 1; H334 May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Carc. 2; H351 Suspected of causing cancer.
STOT SE 3; H335 May cause respiratory irritation.
STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (hearing organs)
Flam. Liq. 3; H225 Highly Flammable liquid and vapor.

2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.
Signal word: Danger

Hazard statements
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

[Prevention]:
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves / eye protection / face protection.

[Response]:
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P308+313 IF exposed or concerned: Get medical advice / attention.
P314 Get Medical advice / attention if you feel unwell.
P321 Specific treatment (see information on this label).
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P337+313 If eye irritation persists: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P341 If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.

[Storage]:
P403+233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.

[Disposal]:
P501 Dispose of contents / container in accordance with local / national regulations.
3. Composition/information on Ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene, CAS Number: 0001330-20-7</td>
<td>10 - 25</td>
<td>Flam. Liq. 3;H226</td>
<td>[1][2]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4;H332</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4;H312</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td>Oxirane, methyl-, polymer with 1,1'-methylenebis[isocyanatobenzene], CAS Number: 0157937-75-2</td>
<td>10 - 25</td>
<td>Skin Irrit. 2;H315</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Sens. 1;H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4;H332</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carc. 2;H351</td>
<td></td>
</tr>
<tr>
<td>Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro-.omega.-hydroxypolyoxy(methyl-1,2-ethanediyl, CAS Number: 0053862-89-8</td>
<td>1.0 - 10</td>
<td>Skin Irrit. 2;H315</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Sens. 1;H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4;H332</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td>Diphenylmethanediisocyanate, CAS Number: 0000101-68-8</td>
<td>1.0 - 10</td>
<td>Acute tox. 4;H332</td>
<td>[1][2]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
<tr>
<td>Polymeric Diphenylmethane Diisocyanate, CAS Number: 0009016-87-9</td>
<td>1.0 - 10</td>
<td>Acute Tox. 4;H332</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
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<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
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<tr>
<td></td>
<td></td>
<td>Skin Sens. 1;H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
<tr>
<td>Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-, CAS Number: 0005973-54-1</td>
<td>1.0 - 10</td>
<td>Carc. 2;H351</td>
<td>[1]</td>
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<td>Acute tox. 4;H332</td>
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<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene, CAS Number: 0000100-41-4</td>
<td>1.0 - 10</td>
<td>Flam. Liq. 2;H225</td>
<td>[1][2]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4;H332</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Asp. Tox. 1;H304</td>
<td></td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light, CAS Number: 0064742-47-8</td>
<td>1.0 - 10</td>
<td>Asp. Tox. 1;H304</td>
<td>[1]</td>
</tr>
<tr>
<td>Tosyl isocyanate, CAS Number: 0004083-64-1</td>
<td>0.10 - 1.0</td>
<td>Eye Irrit. 2;H319</td>
<td>[1]</td>
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<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1;H334</td>
<td></td>
</tr>
</tbody>
</table>

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.
4. First aid measures

4.1. Description of first aid measures

General
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes
Flush with water initially and remove contact lenses. Continue to flush eyes with large amounts of water for 15 minutes. Get medical attention immediately. Give nothing by mouth.

Skin
Remove contaminated clothing and shoes/boots. Wash affected area with large amounts of soap and water. Get medical attention immediately.

Ingestion
If swallowed give two glasses of water to drink. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

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

Overview
Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Inhalation
Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms of breathing difficulties if inhaled.

Eyes
Causes serious eye irritation.

Skin
May cause an allergic skin reaction. Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media
Water, carbon dioxide, foam or dry powder.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters
Use water spray to cool non-involved containers. Wear SCBA with full-face piece operating in a positive pressure demand mode and full protective gear. This product is considered combustible and is a fire hazard. During a fire isocyanate vapors and other irritating gases may be generated by thermal decomposition or combustion. At temperatures above 400°F, polymeric MDI can polymerize and decompose which can cause pressure build-up in closed containers. Use cold water to cool fire-exposed containers.

ERG Guide No. 127
6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Shut off ignition sources including electrical equipment and flames. Contain spilled material. Absorb spills with inert material such as vermiculite, dry sand or earth. Place in a closed container but do not seal. Ventilate area to remove vapors.

7. Handling and storage

7.1. Precautions for safe handling
Avoid prolonged or repeated skin contact. Avoid breathing aerosols, spray mists, and heated vapors. Use only in well ventilated area. Use good personal and industrial hygiene practices. Keep container closed after each use. See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.
Precautions should be taken to minimize exposure to atmospheric humidity or water as carbon dioxide may be formed which, in closed containers can result in pressurization. Care should be taken when re-opening partly used containers. Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard. Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is used. Examination of lung function should be carried out on a regular basis on persons applying this preparation. Incompatible materials: Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers. Recommended storage range is less than 90°F. See section 2 for further details. - [Storage]:

7.3. Specific end use(s)
No data available.

8. Exposure controls and personal protection

8.1. Control Parameters

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000100-41-4</td>
<td>Ethyl Benzene</td>
<td>OSHA</td>
<td>TWA 100 ppm (435 mg/m³) STEL 125 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 20 ppm2B, Revised 2011,</td>
</tr>
</tbody>
</table>
8.2. Exposure controls

**Respiratory**

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes**

Chemical splash goggles (ANSI Z-87.1 or approved equivalent) and/or face shield. Have an eye wash station available.

**Skin**

Avoid all skin contact by covering as much of the exposed skin area as possible with appropriate clothing. Wear impervious gloves.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

---

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not Measured</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting point / freezing point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Initial boiling point and boiling range</strong></td>
<td>281 - 284°F</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>80°F</td>
</tr>
<tr>
<td><strong>Evaporation rate (Ether = 1)</strong></td>
<td>Slower than ether</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Upper/lower flammability or explosive limits</strong></td>
<td><strong>Lower Explosive Limit: 1%</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Upper Explosive Limit: 7%</strong></td>
</tr>
<tr>
<td><strong>Vapor pressure (Pa)</strong></td>
<td>Not established</td>
</tr>
</tbody>
</table>
Vapor Density
Specific Gravity
Solubility in Water
Partition coefficient n-octanol/water (Log Kow)
Auto-ignition temperature
Decomposition temperature
Viscosity (cSt)
VOC Content
Density
% Volatile

9.2. Other information
No other relevant information.

10. Stability and reactivity

10.1. Reactivity
May polymerize.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
Reaction with water can create CO$_2$.

10.4. Conditions to avoid
No data available.

10.5. Incompatible materials
Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers

10.6. Hazardous decomposition products
Will not occur if properly handled and stored.

11. Toxicological information

Acute toxicity
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Based on the properties of the isocyanate content of this product, respiratory exposure may cause acute irritation and/or sensitization of the respiratory system resulting in asthmatic symptoms, wheezing and a tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to airborne concentrations of isocyanates well below the occupational exposure limit. Repeated exposure may lead to permanent respiratory disability.
### Ingredient Toxicity Data

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyoxypolyethylene glycol - (25322-69-4)</td>
<td>2,000.00, Rat - Category: 4</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Xylene - (1330-20-7)</td>
<td>4,299.00, Rat - Category: 5</td>
<td>1,548.00, Rabbit - Category: 4</td>
<td>No data available</td>
<td>20.00, Rat - Category: NA</td>
<td>5,000.00, Rat - Category: 4</td>
</tr>
<tr>
<td>Diphenylmethanediisocyanate - (101-68-8)</td>
<td>4,700.00, Rat - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Chlorinated paraffin c22-30 - (63449-39-8)</td>
<td>11,700.00, Rat - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
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<tr>
<td>Aluminium hydroxide - (21645-51-2)</td>
<td>5,000.00, Rat - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Polymeric Diphenylmethylene Diisocyanate - (9016-87-9)</td>
<td>49,000.00, Rat - Category: NA</td>
<td>9,400.00, Rabbit - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Ethyl Benzene - (100-41-4)</td>
<td>3,500.00, Rat - Category: 5</td>
<td>15,433.00, Rabbit - Category: NA</td>
<td>17.20, Rat - Category: 4</td>
<td>No data available</td>
<td>4,000.00, Rat - Category: NA</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light - (64742-47-8)</td>
<td>&gt; 5,000.00, Rat - Category: NA</td>
<td>&gt; 2,000.00, Rabbit - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

### Carcinogen Data

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000100-41-4</td>
<td>Ethyl Benzene</td>
<td>IARC</td>
<td>Group 2b: Yes</td>
</tr>
<tr>
<td>0000101-68-8</td>
<td>Diphenylmethanediisocyanate</td>
<td>IARC</td>
<td>Group 3: Yes</td>
</tr>
<tr>
<td>0001330-20-7</td>
<td>Xylene</td>
<td>IARC</td>
<td>Group 3: Yes</td>
</tr>
<tr>
<td>0009016-87-9</td>
<td>Polymeric Diphenylmethylene Diisocyanate</td>
<td>IARC</td>
<td>Group 3: Yes</td>
</tr>
<tr>
<td>0063449-39-8</td>
<td>Chlorinated paraffin c22-30</td>
<td>NTP</td>
<td>Suspected: Yes</td>
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</tbody>
</table>

### 12. Ecological information

#### 12.1. Toxicity

See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyoxypolyethylene glycol - (25322-69-4)</td>
<td>650.00, Menidia beryllina</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Xylene - (1330-20-7)</td>
<td>3.30, Oncorhynchus mykiss</td>
<td>8.50, Palaemonetes pugio</td>
<td>100.00 (72 hr), Chlorococcales</td>
</tr>
<tr>
<td>Diphenylmethanediisocyanate - (101-68-8)</td>
<td>Not Available</td>
<td>129.70, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Chlorinated paraffin c22-30 - (63449-39-8)</td>
<td>300.00, Lepomis macrochirus</td>
<td>102.00, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ethyl Benzene - (100-41-4)</td>
<td>4.20, Oncorhynchus mykiss</td>
<td>2.93, Daphnia magna</td>
<td>3.60 (96 hr), Pseudokirchneriella subcapitata</td>
</tr>
</tbody>
</table>
12.2. Persistence and degradability
There is no data available on the preparation itself.

12.3. Bioaccumulative potential
Not Measured

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially toxic to aquatic life.

13. Disposal considerations

13.1. Waste treatment methods
Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

14.1. UN number
UN1263

14.2. UN proper shipping name
UN1263, Paint, 3, III

14.3. Transport hazard class(es)
DOT Hazard Class: 3
IMDG: 3
Sub Class: Not Applicable
Air Class: 3

14.4. Packing group
III

14.5. Environmental hazards
IMDG Marine Pollutant: Yes

14.6. Special precautions for user
No further information

15. Regulatory information

Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

U.S. Federal Regulations

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification
D2A

US EPA Tier II

Hazards

Fire: Yes
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): Yes

EPCRA 311/312

Chemicals and RQs (lbs):
- Diphenylmethanediisocyanate  (5,000.00)
- Ethyl Benzene  (1,000.00)
- Xylene  (100.00)

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>10 - 30</td>
<td>1.0</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>7 - 13</td>
<td>0.1</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td></td>
<td>5 - 10</td>
<td>1.0</td>
</tr>
<tr>
<td>Methylene bisphenyl isocyanate (MDI)</td>
<td>101-68-8</td>
<td>1 - 5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
- Acute Health Hazard: Yes
- Chronic Health Hazard: Yes
- Fire Hazard: Yes
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>100 lb</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>1000 lb</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):
### Chemical Name

**Xylene**  
1330-20-7

**Ethyl benzene**  
100-41-4

**Methylene bisphenyl isocyanate (MDI)**  
101-68-8

### Hazardous Substances RQs

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous RQs</th>
<th>Extremely Hazardous RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>100 lb</td>
<td></td>
<td>RQ= 100 lb final RQ</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td>Methylene bisphenyl isocyanate (MDI)</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ</td>
</tr>
</tbody>
</table>

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl benzene - 100-41-4</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

#### New Jersey RTK Substances (>1%):

- Aluminum (Al)
- Diphenylmethanediisocyanate
- Ethyl Benzene
- Polymeric Diphenylmethane Diisocyanate
- Xylene

#### Pennsylvania RTK Substances (>1%):

- Aluminum (Al)
- Diphenylmethanediisocyanate
- Ethyl Benzene
- Xylene

### U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Polymethylene polyphenylene isocyanate</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Methylene bisphenyl isocyanate (MDI)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

### International Regulations

#### Mexico

**National occupational exposure limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7 ( 10 - 30 )</td>
<td>Mexico: TWA= 100 ppm</td>
</tr>
<tr>
<td></td>
<td>Mexico: TWA= 435 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Mexico: STEL= 150 ppm</td>
</tr>
<tr>
<td></td>
<td>Mexico: STEL= 655 mg/m³</td>
</tr>
</tbody>
</table>
Ethyl benzene
100-41-4 (7 - 13)

Mexico: TWA 100 ppm
Mexico: TWA 435 mg/m³
Mexico: STEL 125 ppm
Mexico: STEL 545 mg/m³

Supplier Trade Secret
(5 - 10)

Mexico: TWA= 10 mg/m³

Methylene bisphenyl isocyanate (MDI)
101-68-8 (1 - 5)

Mexico: TWA 0.02 ppm
Mexico: TWA 0.2 mg/m³
Mexico: TWA 0.005 ppm
Mexico: TWA 0.051 mg/m³

Mexico - Occupational Exposure Limits - Carcinogens

Canada
WHMIS Hazard Class
D2A - Very toxic materials
D2B - Toxic materials
B2 - Flammable liquid

16. Other information

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This is the latest version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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