SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixtures
Product name: NATIONAL RULE RAPTOR BEDLINER - BLACK - UP0822 / UP4850 / UP4870
Product group: Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier
U-POL US Inc
108 Commerce Way
Stockertown PA 18083 - USA
T 1-800-340-7824 - F 1-800-787-5150
technical.department@u-pol.com - www.u-pol.com

1.4. Emergency telephone number

Emergency number: CHEMTREC - 1-800-424-9300 (UK +44 (0) 1933 230310 (07:30 - 17:00hrs UK time)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Flam. Liq. 2 H225
Eye Irrit. 2A H319
Skin Sens. 1 H317
Carc. 1A H350
STOT SE 3 H336
Aquatic Chronic 3 H412
Full text of H statements: see section 16

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Danger
Hazard statements (GHS-US):
H225 - Highly flammable liquid and vapor
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H350 - May cause cancer
H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS-US):
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P261 - Avoid breathing fume, spray, vapors
P273 - Avoid release to the environment
P280 - Wear face protection, protective clothing, protective gloves
P302+P352 - If on skin: Wash with plenty of water
P305 - IF IN EYES: Wash with plenty of water and if necessary take medical advice

2.3. Other hazards

No additional information available
NATIONAL RULE RAPTOR BEDLINER - BLACK - UP0822 / UP4850 / UP4870

Safety Data Sheet

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

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>(CAS No) 67-64-1</td>
<td>5 - 23</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336</td>
</tr>
<tr>
<td>xylene</td>
<td>(CAS No) 1330-20-7</td>
<td>&lt; 5</td>
<td>Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>(CAS No) 100-41-4</td>
<td>&lt; 5</td>
<td>Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>reaction mass of α-3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenylpropionyl-u-hydroxypoly(oxyethylene) and α-3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenylpropionyl-u-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)</td>
<td></td>
<td>&lt; 5</td>
<td>Skin Sens. 1, H317 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</td>
<td>(CAS No) 14464-46-1</td>
<td>&lt; 5</td>
<td>Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td>cristobalite, 1%&lt;cconc respirable crystalline silica&lt;10%</td>
<td>(CAS No)</td>
<td></td>
<td>Cer. 1A, H350</td>
</tr>
</tbody>
</table>

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.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention. Wash contaminated clothing before reuse. Repeated exposure may cause skin dryness or cracking.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/injuries : Suspected of damaging fertility or the unborn child. Causes damage to organs. May cause drowsiness or dizziness.

Symptoms/injuries after inhalation : May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause cancer by inhalation.

Symptoms/injuries after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation. Eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media : Do not use a heavy water stream.
5.2. Special hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapor.
Explosion hazard: May form flammable/explosive vapor-air mixture.
Reactivity: Highly flammable liquid and vapor.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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. No open flames. No smoking.

6.1.1. For non-emergency personnel


6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. Avoid breathing vapors. For further information refer to section 8: “Exposure controls/personal protection”.
Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Contain leaking substance. Collect spillage.
Methods for cleaning up: Take up liquid spill into absorbent material. This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: Keep away from Heat-ignition. - No smoking. Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Avoid breathing vapors, fume. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures: Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
### 7.2. Conditions for safe storage, including any incompatibilities

**Technical measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, Lighting equipment equipment.

**Storage conditions:** Keep only in the original container in a cool, well ventilated place away from: Ignition sources, Heat sources. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**Incompatible products:** Strong bases. Strong acids.

**Incompatible materials:** Sources of ignition. Direct sunlight. Heat sources.

**Storage temperature:** < 77°F

**Storage area:** Store in well ventilated area.

**Special rules on packaging:** Keep only in original container.

### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th>NATIONAL RULE RAPTOR BEDLINER - BLACK - UP0822 / UP4850 / UP4870</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>xylene (1330-20-7)</strong></td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>150 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>URT &amp; eye irr; CNS impair</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ethylbenzene (100-41-4)</strong></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>URT irr; kidney dam (nephropathy)</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Acetone (67-64-1)</strong></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>eye irr; CNS impair; BEI</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>2400 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

**reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypropoxy(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)**

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate**

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
8.2. Exposure controls

appropriate engineering controls
Ensure good ventilation of the work station.

personal protective equipment

8.2. Exposure controls

Materials for protective clothing
Impermeable clothing.

Hand protection
Wear protective gloves.

Eye protection
Chemical goggles or face shield. Chemical goggles or safety glasses. Safety glasses.

Skin and body protection
Wear suitable protective clothing.

Respiratory protection
Air-fed respiratory protective equipment should be worn when this product is sprayed. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Environmental exposure controls
Avoid release to the environment.

Other information
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state
Liquid

Appearance
Viscous. Liquid.

Color
Black

Odor
aromatic

Odor threshold
No data available

pH
No data available

Relative evaporation rate (butyl acetate=1)
No data available

Melting point
Not applicable

Freezing point
No data available

Boiling point
> 95°F

Flash point
< 32°F

Auto-ignition temperature
No data available

Decomposition temperature
No data available

Flammability (solid, gas)
No data available

Vapor pressure
No data available

Relative vapor density at 20 °C
No data available

Relative density
No data available

Specific gravity / density
9.18 - 9.51 lb/gal

Solubility
insoluble in water. soluble in most organic solvents.

Log Pow
No data available

Log Kow
No data available

Viscosity, kinematic
No data available

Viscosity, dynamic
No data available

Explosive properties
No data available

Oxidizing properties
No data available

Explosion limits
No data available
SECTION 9: Other information

9.2. VOC content - As Packaged : 252 g/l (2.10 lb/gal)
VOC content - As Applied : With National Rule Raptor Bedliner Hardener - 342 g/l (2.85 lb/gal)
With 2.6 VOC Raptor Bedliner Hardener - 211 g/l (1.76 lb/gal)

SECTION 10: Stability and reactivity

10.1. Reactivity
Highly flammable liquid and vapor.

10.2. Chemical stability
Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

|xylene (1330-20-7)|
|ATE US (dermal)| Not classified |
|ATE US (dust, mist)| 1100.000 mg/kg body weight |

|ethylbenzene (100-41-4)|
|ATE US (gases)| 4500.000 ppmV/4h |
|ATE US (vapors)| 11.000 mg/l/4h |
|ATE US (dust, mist)| 1.500 mg/l/4h |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met
Carcinogenicity : May cause cancer.

|xylene (1330-20-7)|
|IARC group| Not classifiable |

|ethylbenzene (100-41-4)|
|IARC group| 2B - Possibly carcinogenic to humans |

|cristobalite, 1%<=conc respirable crystalline silica<10% (14464-46-1)|
|IARC group| 1 - Carcinogenic to humans |

Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met
Specific target organ toxicity – single exposure : May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure : Not classified
Aspiration hazard: Not classified
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation: May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause cancer by inhalation.
Symptoms/injuries after skin contact: Irritation. May cause an allergic skin reaction.
Symptoms/injuries after eye contact: Causes serious eye irritation. Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: Harmful to aquatic life with long lasting effects.
Ecology - water: Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability
NATIONAL RULE RAPTOR BEDLINER - BLACK - UP0822 / UP4850 / UP4870
Persistence and degradability: May cause long-term adverse effects in the environment.

cristobalite, 1%<=conc respirable crystalline silica<10% (14464-46-1)
Persistence and degradability: Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD): Not applicable
Chemical oxygen demand (COD): Not applicable
ThOD: Not applicable

12.3. Bioaccumulative potential
NATIONAL RULE RAPTOR BEDLINER - BLACK - UP0822 / UP4850 / UP4870
Bioaccumulative potential: Not established.

cristobalite, 1%<=conc respirable crystalline silica<10% (14464-46-1)
Bioaccumulative potential: No test data available.

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on ozone layer: No additional information available
Effect on the global warming: No known effects from this product.
Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Regional legislation (waste): Disposal must be done according to official regulations.
Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Remove waste in accordance with local and/or national regulations.
Additional information: Handle empty containers with care because residual vapors are flammable. Flammable vapors may accumulate in the container.
Ecology - waste materials: Avoid release to the environment.
## SECTION 14: Transport information

In accordance with DOT

| Transport document description | UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, II |
| UN-No.(DOT) | UN1263 |
| Proper Shipping Name (DOT) | Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base |
| Class (DOT) | 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Hazard labels (DOT) | 3 - Flammable liquid |

### Packing group (DOT)

II - Medium Danger

### DOT Special Provisions (49 CFR 172.102)

149 - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons).

B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.

IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.

T4 - 2.65 178.274(d)(2) Normal............. 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

### DOT Packaging Exceptions (49 CFR 173.xxx)

150

### DOT Packaging Non Bulk (49 CFR 173.xxx)

173

### DOT Packaging Bulk (49 CFR 173.xxx)

242

### DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

5 L

### DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

60 L

### DOT Vessel Stowage Location

B - (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

### Additional information

Other information : No supplementary information available.

### ADR

Transport document description : UN 1263 PAINT RELATED MATERIAL, 3, II, (D/E)

Packing group (ADR) : II

Class (ADR) : 3 - Flammable liquid

Hazard identification number (Kemler No.) : 33

Classification code (ADR) : F1
Section 15: Regulatory information

15.1. US Federal regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS No</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>&lt; 5%</td>
<td>Subject to reporting requirements of United States SARA Section 313</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>&lt; 5%</td>
<td>Subject to reporting requirements of United States SARA Section 313</td>
</tr>
</tbody>
</table>

15.2. International regulations

CANADA
No additional information available
### EU-Regulations

No additional information available

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Property</th>
<th>H-Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq.</td>
<td>H225</td>
</tr>
<tr>
<td>Eye Irrit.</td>
<td>H319</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>H317</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>H336</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>H412</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

### 15.2. National regulations

**ethylbenzene (100-41-4)**

<table>
<thead>
<tr>
<th>Classification</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>54</td>
</tr>
</tbody>
</table>

### 15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

**ethylbenzene (100-41-4)**

<table>
<thead>
<tr>
<th>Classification</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>54</td>
</tr>
</tbody>
</table>

### SECTION 16: Other information

Other information: None.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H-Phrase</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapor</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

NFPA health hazard: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

NFPA reactivity: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
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