# RAPTOR LINER - BLACK (RLB-US)

## Safety Data Sheet RLB-US

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

**Date of issue:** 08/10/2015  
**Revision date:** 11/22/2017  
**Supersedes:** 10/30/2017  
**Version:** 4.0

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

### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>RAPTOR LINER - BLACK (RLB-US)</td>
</tr>
<tr>
<td>Product group</td>
<td>Coating</td>
</tr>
<tr>
<td>Other means of identification</td>
<td>UP0820, UP0822, UP4801, UP4850, UP5010</td>
</tr>
</tbody>
</table>

### 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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**

- **Flam. Liq.** 2 H225  
- **Eye Irrit.** 2 H319  
- **Skin Sens.** 1 H317  
- **Carc.** 1A H350  
- **STOT SE 3** H336  
- **Aquatic Chronic 3** H412

### 2.2. Label elements

**GHS-US labeling**

- **Hazard pictograms (GHS-US):**
  - [Flammable](#)  
  - [Dangerous Goods](#)  
  - [Toxic](#)

- **Signal word (GHS-US):** Danger

- **Hazard statements (GHS-US):**
  - H225 - Highly flammable liquid and vapour  
  - 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.  
  - P264 - Wash hands thoroughly after handling.  
  - P280 - Wear face protection, protective clothing, protective gloves.  
  - P337+P313 - If eye irritation persists: Get medical advice/attention.  
  - P403+P235 - Store in a well-ventilated place. Keep cool.  
  - P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
2.3. Other hazards
No additional information available

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-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-u-hydroxypropoxy(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-u-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionlyoxypoly(oxyethylene)</td>
<td>&lt; 5</td>
<td>Skin Sens. 1, H317 Aquatic Chronic 2, H411</td>
<td></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.) 1065336-91-5</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;conc respirable crystalline silica&lt;10%</td>
<td>(CAS-No.) 14464-46-1</td>
<td>&lt; 5</td>
<td>Carc. 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: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
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.
First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects: May cause drowsiness or dizziness.
Symptoms/effects after skin contact: May cause an allergic skin reaction.
Symptoms/effects after eye contact: Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


5.2. Special hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapour.
Reactivity: Highly flammable liquid and vapour.

5.3. Advice for firefighters

Protection during firefighting: 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

6.1.1. For non-emergency personnel

Emergency procedures: Do not breathe vapors. No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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. 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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: Keep away from Heat-ignition. - No smoking.
Precautions for safe handling: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
Hygiene measures: Separate working clothes from town clothes. Launder separately. 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: Ground/bond container and receiving equipment.
Storage conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Storage temperature: < 25 °C
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>RAPTOR LINER - BLACK (RLB-US)</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>xylene (1330-20-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
</tr>
<tr>
<td>ACGIH</td>
</tr>
<tr>
<td>ACGIH</td>
</tr>
</tbody>
</table>
8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.


Materials for protective clothing: Impermeable clothing.

Hand protection: Protective gloves.

Eye protection: Chemical goggles or face shield. 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. Wear respiratory protection.

Environmental exposure controls: Avoid release to the environment.

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
> 35 °C

### Flash point
< 0 °C

### 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
1.1 - 1.14 g/cm³

### 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

### Other information

**VOC content - Actual**
239 g/l

**VOC content**
429 g/l

**VOC content - Regulatory**
315 g/l

### SECTION 10: Stability and reactivity

**Reactivity**
Highly flammable liquid and vapour.

**Chemical stability**
Stable under normal conditions.

**Possibility of hazardous reactions**
No dangerous reactions known under normal conditions of use.

**Conditions to avoid**
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**Incompatible materials**
No additional information available

**Hazardous decomposition products**
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

**Information on toxicological effects**

**Acute toxicity**
Not classified

**xylene (1330-20-7)**

- ATE US (dermal) 1100 mg/kg body weight
- ATE US (dust, mist) 1.5 mg/l/4h

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

- ATE US (gases) 4500 ppmV/4h
- ATE US (vapors) 11 mg/l/4h
- ATE US (dust, mist) 1.5 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
Carcinogenicity: May cause cancer.

**xylene (1330-20-7)**
IARC group: 3 - 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
Specific target organ toxicity – single exposure: May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after skin contact: May cause an allergic skin reaction.
Symptoms/effects after eye contact: Eye irritation.

**SECTION 12: Ecological information**

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

**12.2. Persistence and degradability**

<table>
<thead>
<tr>
<th>cristobalite, 1%=&lt;conc respirable crystalline silica&lt;10% (14464-46-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
</tr>
<tr>
<td>ThOD</td>
</tr>
</tbody>
</table>

**12.3. Bioaccumulative potential**

<table>
<thead>
<tr>
<th>cristobalite, 1%=&lt;conc respirable crystalline silica&lt;10% (14464-46-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
</tr>
</tbody>
</table>

**12.4. Mobility in soil**
No additional information available

**12.5. Other adverse effects**
Effect on the ozone layer: No additional information available

**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.
Additional information: Flammable vapors may accumulate in the container.
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
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Hazard labels (ADR) : 3 - Flammable liquids

Orange plates : 33

Tunnel restriction code (ADR) : D/E
LQ : 5l
Excepted quantities (ADR) : E2

Transport by sea
UN-No. (IMDG) : 1263
Proper Shipping Name (IMDG) : PAINT
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : II - substances presenting medium danger

Air transport
UN-No. (IATA) : 1263
Proper Shipping Name (IATA) : Paint
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : II - Medium Danger

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>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>&lt; 5%</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>&lt; 5%</td>
</tr>
</tbody>
</table>

**xylene (1330-20-7)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ : 100 lb
SARA Section 313 - Emission Reporting : 1 %

**ethylbenzene (100-41-4)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ : 1000 lb
SARA Section 313 - Emission Reporting : 0.1 %

**Acetone (67-64-1)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not subject to reporting requirements of the United States SARA Section 313

CERCLA RQ : 5000 lb

**reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(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)propionylxypoly(oxyethylene)**
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

**reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)**
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA
RAPTOR LINER - BLACK (RLB-US)
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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listed on the Canadian DSL (Domestic Substances List)</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene (1330-20-7)</td>
<td></td>
</tr>
<tr>
<td>ethylbenzene (100-41-4)</td>
<td></td>
</tr>
<tr>
<td>Acetone (67-64-1)</td>
<td></td>
</tr>
</tbody>
</table>

**EU Regulations**
No additional information available.

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**
- Flam. Liq. 2  H225
- Eye Irrit. 2  H319
- Skin Sens. 1  H317
- STOT SE 3  H336
- Aquatic Chronic 3  H412

Full text of H statements: see section 16

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

**15.2.2. National regulations**

**xylene (1330-20-7)**
- Listed on EPA Hazardous Air Pollutant (HAPS)

**ethylbenzene (100-41-4)**
- Listed on IARC (International Agency for Research on Cancer)
- Listed on EPA Hazardous Air Pollutant (HAPS)

**reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxy(poly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxy(poly(oxyethylene))**
- Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

**reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)**
- Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

**15.3. US State regulations**
This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

<table>
<thead>
<tr>
<th>Substance</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>No significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylbenzene (100-41-4)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>54 µg/day</td>
</tr>
</tbody>
</table>

**SECTION 16: Other information**
Revision date: 11/22/2017
### Full text of H-phrases:

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

---

**SDS US UPOL**

For professional use only.
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