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

1.1. Product identifier
Product form: Mixture
Trade name: RAPTOR LINER - TINTABLE
Product code: RLT/1, RLT/5, RLT/S1, RLT/S4
Product group: Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Industrial/Professional use spec: Industrial
Function or use category: Coating

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
U-POL LIMITED
Denington Road, Wellingborough
Northants. NN8 2QH - UK
T +44 (0) 1933 230310
technical.department@u-pol.com - www.u-pol.com

1.4. Emergency telephone number
Emergency number: CHEMTREC - +44 (0) 870 8200418 (24 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flammable liquids, Category 2: H225
Serious eye damage/eye irritation, Category 2: H319
Skin sensitisation, Category 1: H317
Specific target organ toxicity — Single exposure, Category 3, Narcosis: H336
Hazardous to the aquatic environment — Chronic Hazard, Category 3: H412

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects
Highly flammable liquid and vapour. May cause drowsiness or dizziness. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP): GHS02, GHS07

Signal word (CLP): Danger
Hazardous ingredients: acetone; n-butyl acetate; 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)propionyl-oxyxpoly(oxyethylene); reaction mass of bis[1,2,2,6,6-pentamethyl-4-piperidyl] sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate; solvent naphtha (petroleum), light aromatic

Hazard statements (CLP): H225 - Highly flammable liquid and vapour.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)  
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 - Avoid breathing spray, vapours, fume.
- P264 - Wash hands thoroughly after handling.
- P280 - Wear face protection, protective clothing, protective gloves.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements  
- EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards
No additional information available

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>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone</td>
<td>[CAS-No.] 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8 (REACH no) 01-2119471330-49</td>
<td>10 - 20</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336</td>
</tr>
<tr>
<td>2-methoxy-1-methylethyl acetate</td>
<td>[CAS-No.] 108-65-6 (EC-No.) 203-603-9 (EC Index-No.) 607-195-00-7</td>
<td>3 - 10</td>
<td>Flam. Liq. 3, H226</td>
</tr>
<tr>
<td>Reaction Mixture of Ethylbenzene, m-xylene and p-xylene</td>
<td>[EC-No.] 905-562-9</td>
<td>3 - 10</td>
<td>Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>[CAS-No.] 123-86-4 (EC-No.) 204-658-1 (EC Index-No.) 607-025-00-1</td>
<td>3 - 10</td>
<td>Flam. Liq. 3, H226 STOT SE 3, H336</td>
</tr>
<tr>
<td>reaction mass of α-3-(3-(2H-benzo[b]triazol-2-yl)-5-tetralin-4-hydroxyphenyl)proponioxy-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzo[b]triazol-2-yl)-5-tetralin-4-hydroxyphenyl)proponioxy-ω-3-(3-(2H-benzo[b]triazol-2-yl)-5-tetralin-4-hydroxyphenyl)proponiooxy(poly(oxyethylene)</td>
<td>[EC-No.] 400-830-7 (EC Index-No.) 607-176-00-3</td>
<td>0.3 - 1</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.] 1065336-91-5 (EC-No.) 915-687-0 (REACH no) 01-2119491304-40</td>
<td>0.1 - 1</td>
<td>Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general  
- Call a poison center or a doctor if you feel unwell.

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. 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 or a doctor 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. Repeated exposure may cause skin dryness or cracking.

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.  
Hazardous decomposition products in case of fire: Toxic fumes may be released.

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  
Protective equipment: Gloves. Safety glasses. Protective clothing.  
Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours. No open flames, no sparks, and no smoking. Avoid breathing fume, spray, vapours.

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.

6.3. Methods and material for containment and cleaning up  
For containment: Collect spillage. Contain leaking substance.  
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 and ignition sources. No smoking.  
Precautions for safe handling: 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 vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing spray, vapours, fume. Avoid contact with skin and eyes.

Hygiene measures: 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>Substance</th>
<th>Local name</th>
<th>EU IOELV TWA (mg/m³)</th>
<th>EU IOELV TWA (ppm)</th>
<th>Regulatory reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone</td>
<td>Acetone</td>
<td>1210 mg/m³</td>
<td>500 ppm</td>
<td>COMMISSION DIRECTIVE 2000/39/EC</td>
</tr>
</tbody>
</table>

5/8/2018 EN (English) SDS Ref. (EU): RLT 3/11
8.2. Exposure controls

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

Personal protective equipment:

Materials for protective clothing:
Impermeable clothing

Hand protection:
Protective gloves

Eye protection:
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

Personal protective equipment symbol(s):
Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige</td>
</tr>
<tr>
<td>Odour</td>
<td>aromatic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 35 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.1 - 1.14 g/cm³</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water. soluble in most organic solvents.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

VOC content : 416 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity
Highly flammable liquid and vapour.

10.2. Chemical stability
Stable under normal conditions.

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

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

10.5. Incompatible materials
No additional information available

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified
RAPTOR LINER - TINTABLE
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

acetone (67-64-1)
LD50 oral rat 5800 mg/kg (Equivalent or similar to OECD 401, Rat, Female, Experimental value)
LD50 dermal rabbit 20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value)
LC50 inhalation rat (mg/l) 76 mg/l (Other, 4 h, Rat, Female, Experimental value)

n-butyl acetate (123-86-4)
LD50 oral rat 10760 - 12789 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Male/female, Experimental value)
LD50 dermal rabbit 14112 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value)

2-methoxy-1-methylethyl acetate (108-65-6)
LD50 oral rat 6190 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value)
LD50 dermal rabbit > 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value)

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

acetone (67-64-1)
LC50 fish 1 5540 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value)
EC50 96h algae (1) > 7000 mg/l (Selenastrum capricornutum, Static system, Fresh water, Experimental value)

n-butyl acetate (123-86-4)
LC50 fish 1 18 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1 44 mg/l (48 h, Daphnia sp., Static system, Fresh water, Experimental value)
EC50 72h algae (1) 674.7 mg/l (Desmodesmus subspicatus, Static system, Fresh water, Experimental value)

reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-u-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)
LC50 fish 1 2.8 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
EC50 Daphnia 1 4 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value)
ErC50 (algae) > 100 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)

2-methoxy-1-methylethyl acetate (108-65-6)
LC50 fish 1 100 - 180 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
EC50 Daphnia 1 373 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
EC50 96h algae (1) > 1000 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)

12.2. Persistence and degradability
### acetone (67-64-1)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>1.43 g O₂/g substance</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>1.92 g O₂/g substance</td>
</tr>
<tr>
<td>ThOD</td>
<td>2.2 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.872 (20 day(s), Literature study)</td>
</tr>
</tbody>
</table>

### n-butyl acetate (123-86-4)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Readily biodegradable in water.</td>
</tr>
<tr>
<td>ThOD</td>
<td>2.21 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.46</td>
</tr>
</tbody>
</table>

### 2-methoxy-1-methylethyl acetate (108-65-6)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Readily biodegradable in the soil. Readily biodegradable in water.</td>
</tr>
</tbody>
</table>

### Bioaccumulative potential

#### acetone (67-64-1)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>0.69 (Pisces)</td>
</tr>
<tr>
<td>BCF other aquatic organisms 1</td>
<td>3 (BCFWIN, Calculated value)</td>
</tr>
<tr>
<td>Log Pow</td>
<td>-0.24 (Test data)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not bioaccumulative.</td>
</tr>
</tbody>
</table>

#### n-butyl acetate (123-86-4)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>15.3 (Calculated value)</td>
</tr>
<tr>
<td>Log Pow</td>
<td>2.3 (Test data, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (Log Kow &lt; 4).</td>
</tr>
</tbody>
</table>

#### 2-methoxy-1-methylethyl acetate (108-65-6)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>1.2 (Experimental value, Equivalent or similar to OECD 117, 20 °C)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (Log Kow &lt; 4).</td>
</tr>
</tbody>
</table>

### Mobility in soil

#### acetone (67-64-1)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface tension</td>
<td>0.0237 N/m</td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>No (test)data on mobility of the substance available.</td>
</tr>
</tbody>
</table>

#### n-butyl acetate (123-86-4)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface tension</td>
<td>0.0163 N/m (20 °C)</td>
</tr>
<tr>
<td>Log Koc</td>
<td>1.288 - 1.844 (log Koc, SRC PCKOCWIN v2.0, QSAR)</td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>Low potential for adsorption in soil.</td>
</tr>
</tbody>
</table>

#### 2-methoxy-1-methylethyl acetate (108-65-6)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface tension</td>
<td>29.4 mN/m (20 °C, 100 vol %)</td>
</tr>
<tr>
<td>Log Koc</td>
<td>0.264 (log Koc, QSAR)</td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>Highly mobile in soil.</td>
</tr>
</tbody>
</table>

### Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (67-64-1)</td>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>n-butyl acetate (123-86-4)</td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>2-methoxy-1-methylethyl acetate (108-65-6)</td>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

### Other adverse effects

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 vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1263</td>
<td>1263</td>
<td>1263</td>
<td>1263</td>
<td></td>
</tr>
</tbody>
</table>

14.2. UN proper shipping name

| PAINT RELATED MATERIAL | PAINT | Paint | PAINT | PAINT |

Transport document description

| UN 1263 PAINT RELATED MATERIAL, 3, II, (D/E) | UN 1263 PAINT, 3, II | UN 1263 PAINT, 3, II | UN 1263 PAINT, 3, II |

14.3. Transport hazard class(es)

| 3 | 3 | 3 | 3 | 3 |

14.4. Packing group

| II | II | II | II |

14.5. Environmental hazards

| Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |

No supplementary information available

14.6. Special precautions for user

- Overland transport
  
  Classification code (ADR) : F1
  Special provisions (ADR) : 163, 640C, 650
  Limited quantities (ADR) : 5l
  Excepted quantities (ADR) : E2
  Packing instructions (ADR) : P001
  Special packing provisions (ADR) : PP1
  Mixed packing provisions (ADR) : MP19
  Portable tank and bulk container instructions (ADR) : T4
  Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28
  Tank code (ADR) : L1.5BN
  Vehicle for tank carriage : FL
  Transport category (ADR) : 2
  Special provisions for carriage - Operation (ADR) : S2, S20
  Hazard identification number (Kemler No.) : 33
  Orange plates : 1263

- Transport by sea
  
  Tunnel restriction code (ADR) : D/E
  EAC code : 3YE
  Special provisions (IMDG) : 163, 367
## RAPTOR LINER - TINTABLE

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Limited quantities (IMDG)
- **5 L**

### Excepted quantities (IMDG)
- **E2**

### Packing instructions (IMDG)
- **P001**

### Special packing provisions (IMDG)
- **PP1**

### IBC packing instructions (IMDG)
- **IBC02**

### Tank instructions (IMDG)
- **T4**

### Tank special provisions (IMDG)
- **TP1, TP8, TP28**

### EmS-No. (Fire)
- **F-E**

### EmS-No. (Spillage)
- **S-E**

### Stowage category (IMDG)
- **B**

### Miscibility with water depends upon the composition.

### Air transport

- **PCA**
  - **Excepted quantities (IATA)**: **E2**
  - **Limited quantities (IATA)**: **Y341**
  - **PCA limited quantity max net quantity (IATA)**: **1L**
  - **PCA packing instructions (IATA)**: **353**
  - **PCA max net quantity (IATA)**: **5L**
  - **CAO packing instructions (IATA)**: **364**
  - **CAO max net quantity (IATA)**: **60L**
  - **Special provisions (IATA)**: **A3, A72, A192**
  - **ERG code (IATA)**: **3L**

### Inland waterway transport

- **Classification code (ADN)**: **F1**
- **Special provisions (ADN)**: **163, 64C, 65**
- **Limited quantities (ADN)**: **5 L**
- **Excepted quantities (ADN)**: **E2**
- **Equipment required (ADN)**: **PP, EX, A**
- **Ventilation (ADN)**: **VE01**
- **Number of blue cones/lights (ADN)**: **1**

### Rail transport

- **Classification code (RID)**: **F1**
- **Special provisions (RID)**: **163, 640C, 650**
- **Limited quantities (RID)**: **5L**
- **Excepted quantities (RID)**: **E2**
- **Packing instructions (RID)**: **P001**
- **Special packing provisions (RID)**: **PP1**
- **Mixed packing provisions (RID)**: **MP19**
- **Portable tank and bulk container instructions (RID)**: **T4**
- **Portable tank and bulk container special provisions (RID)**: **TP1, TP8, TP28**
- **Tank codes for RID tanks (RID)**: **L1.5BN**
- **Transport category (RID)**: **2**
- **Colis express (express parcels) (RID)**: **CE7**
- **Hazard identification number (RID)**: **33**

### SECTION 15: Regulatory information

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:

- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances

VOC content: 416 g/l

### 15.1.2 National regulations

No additional information available

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other Information

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Dermal)</td>
<td>Acute toxicity (dermal), Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Acute toxicity (inhal.), Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids, Category 3</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitisation, Category 1</td>
</tr>
</tbody>
</table>
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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Skin Sens. 1A</th>
<th>Skin sensitisation, category 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity — Repeated exposure, Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Narcosis</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour.</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>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness.</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>
<tr>
<td>EUH066</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
</tbody>
</table>

**SDS EU (REACH Annex II)**

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