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

1.1. Product identifier

Trade name : SPECTRA CV X1
Product code : 3801733

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

1.2.1. Relevant identified uses
Recommended use : For use when mounting coverglass on top of a prepared specimen

1.2.2. Uses advised against
Restrictions on use : Other uses

1.3. Details of the supplier of the safety data sheet
Leica Biosystems Richmond, Inc
5205 Route 12
60071 Richmond, IL - USA
T 844-534-2262
LBSNA-LBS-QA@leicabiosystems.com - leicabiosystems.com

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Organisation/Company</th>
<th>Emergency number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChemTrec</td>
<td>800-424-9300</td>
</tr>
<tr>
<td>International Calls</td>
<td>+1 703-527-3887</td>
</tr>
<tr>
<td>Australia 24 Hr Poisons Information Centre</td>
<td>13 11 26</td>
</tr>
</tbody>
</table>

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
- Skin corrosion/irritation, Category 2 : H315
- Carcinogenicity, Category 2 : H351
- Reproductive toxicity, Category 2 : H361
- Specific target organ toxicity — Single exposure, Category 3, Narcosis : H336
- Specific target organ toxicity — Repeated exposure, Category 2 : H373
- Aspiration hazard, Category 1 : H304

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) : 
- GHS02
- GHS07
- GHS08

Signal word (CLP) : Danger
Hazard statements (CLP):

- H225 - Highly flammable liquid and vapour
- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer
- H361 - Suspected of damaging fertility or the unborn child
- H373 - May cause damage to organs

Precautionary statements (CLP):

- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P233 - Keep container tightly closed
- P240 - Ground and bond container and receiving equipment
- P241 - Use explosion-proof equipment
- P260 - Do not breathe mist/vapours/spray.
- P264 - Wash thoroughly after handling
- P271 - Use only outdoors or in a well-ventilated area
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P308+P313 - IF exposed or concerned: Get medical advice/attention
- P312 - Call a POISON CENTRE or doctor if you feel unwell
- P321 - Specific treatment (see supplemental first aid instruction on this label)
- P331 - Do NOT induce vomiting
- P332+P313 - If skin irritation occurs: Get medical advice/attention
- P362+P364 - Take off contaminated clothing and wash it before reuse
- P370+P378 - In case of fire: Use dry chemical, foam, or water spray for extinction.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed
- P403+P235 - Store in a well-ventilated place. Keep cool
- P405 - Store locked up
- 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

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>Xylene</td>
<td>[CAS-No.] 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9</td>
<td>&lt; 20</td>
<td>Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315</td>
</tr>
</tbody>
</table>
**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. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- **First-aid measures after skin contact**: Rinse eyes with water as a precaution.
- **First-aid measures after eye contact**: 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**: Irritation.

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

Treat symptomatically.

**SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

- **Suitable extinguishing media**: Water spray. Dry powder. Foam. Carbon dioxide.

### 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

**Emergency procedures**: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe mist/vapours/spray. Avoid contact with skin and eyes.

#### 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

**Methods for cleaning up**: Take up liquid spill into absorbent material. 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

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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures: 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.

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>IOELV TWA (mg/m³)</th>
<th>EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene (108-88-3)</td>
<td>192 mg/m³ (Toluene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 ppm (Toluene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>384 mg/m³ (Toluene; EU; Short time value; Indicative occupational exposure limit value)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>100 ppm (Toluene; EU; Short time value; Indicative occupational exposure limit value)</td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (mg/m³)</td>
<td>77 mg/m³ (Toluene; Belgium; Time-weighted average exposure limit 8 h)</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>20 ppm (Toluene; Belgium; Time-weighted average exposure limit 8 h)</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (mg/m³)</td>
<td>384 mg/m³ (Toluene; Belgium; Short time value)</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (ppm)</td>
<td>100 ppm (Toluene; Belgium; Short time value)</td>
</tr>
<tr>
<td>France</td>
<td>VME (mg/m³)</td>
<td>76.8 mg/m³ (Toluene; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td>France</td>
<td>VME (ppm)</td>
<td>20 ppm (Toluene; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td>France</td>
<td>VLE (mg/m³)</td>
<td>384 mg/m³ (Toluene; France; Short time value; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td>France</td>
<td>VLE (ppm)</td>
<td>100 ppm (Toluene; France; Short time value; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 8H (mg/m³)</td>
<td>150 mg/m³ (Toluene; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 8H (ppm)</td>
<td>39 ppm (Toluene; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 15MIN (mg/m³)</td>
<td>384 mg/m³ (Toluene; Netherlands; Short time value; Public occupational exposure limit value)</td>
</tr>
<tr>
<td>Substance</td>
<td>Local name</td>
<td>Concentration</td>
</tr>
<tr>
<td>-----------</td>
<td>------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Toluene (108-88-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Netherlands</strong></td>
<td>Grenswaarde TGG 15MIN (ppm)</td>
<td>100 ppm (Toluene; Netherlands; Short time value; Public occupational exposure limit value)</td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
<td>WEL TWA (mg/m³)</td>
<td>191 mg/m³ Toluene; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)</td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
<td>WEL TWA (ppm)</td>
<td>50 ppm Toluene; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)</td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
<td>WEL STEL (mg/m³)</td>
<td>384 mg/m³ Toluene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)</td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
<td>WEL STEL (ppm)</td>
<td>100 ppm Toluene; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)</td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>Local name</td>
<td>Toluene</td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>ACGIH TWA (ppm)</td>
<td>20 ppm (Toluene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>Local name</td>
<td>Toluene</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Xylene (1330-20-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>Local name</td>
<td>Xylene</td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>ACGIH TWA (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>ACGIH STEL (ppm)</td>
<td>150 ppm</td>
</tr>
<tr>
<td><strong>USA - ACGIH</strong></td>
<td>Remark (ACGIH)</td>
<td>URT &amp; eye irrit; CNS impair</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>Local name</td>
<td>Xylenes (o-, m-, p-isomers)</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td><strong>USA - OSHA</strong></td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Ethylbenzene (100-41-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EU</strong></td>
<td>IOELV TWA (mg/m³)</td>
<td>442 mg/m³ (Ethylbenzene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)</td>
</tr>
<tr>
<td><strong>EU</strong></td>
<td>IOELV TWA (ppm)</td>
<td>100 ppm (Ethylbenzene; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)</td>
</tr>
<tr>
<td><strong>EU</strong></td>
<td>IOELV STEL (mg/m³)</td>
<td>884 mg/m³ (Ethylbenzene; EU; Short time value; Indicative occupational exposure limit value)</td>
</tr>
<tr>
<td><strong>EU</strong></td>
<td>IOELV STEL (ppm)</td>
<td>200 ppm (Ethylbenzene; EU; Short time value; Indicative occupational exposure limit value)</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td>Limit value (mg/m³)</td>
<td>442 mg/m³ (Ethylbenzène; Belgium; Time-weighted average exposure limit 8 h)</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td>Limit value (ppm)</td>
<td>100 ppm (Ethylbenzène; Belgium; Time-weighted average exposure limit 8 h)</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td>Short time value (mg/m³)</td>
<td>551 mg/m³ (Ethylbenzène; Belgium; Short time value)</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td>Short time value (ppm)</td>
<td>125 ppm (Ethylbenzène; Belgium; Short time value)</td>
</tr>
<tr>
<td><strong>France</strong></td>
<td>VME (mg/m³)</td>
<td>88.4 mg/m³ (Ethylbenzène; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td><strong>France</strong></td>
<td>VME (ppm)</td>
<td>20 ppm (Ethylbenzène; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante)</td>
</tr>
<tr>
<td><strong>France</strong></td>
<td>VLE (mg/m³)</td>
<td>442 mg/m³ (Ethylbenzène; France; Short time value; VRC: Valeur réglementaire contraignante)</td>
</tr>
</tbody>
</table>
### Exposure controls

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

**Hand protection:**
Protective gloves

**Eye protection:**
Safety glasses

**Skin and body protection:**
Wear suitable protective clothing

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment

**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>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
</table>
9.2. Other information

No additional information available

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

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
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
**Toluene (108-88-3)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 5580 mg/kg bodyweight; Rat; Experimental value)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>12223 mg/kg (Rabbit; Literature study; Other; &gt;5000 mg/kg bodyweight; Rabbit; Experimental value)</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 20 mg/l/4h (Rat; Literature study)</td>
</tr>
</tbody>
</table>

**Ethylbenzene (100-41-4)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>3500 mg/kg (Rat; Other; Experimental value)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>15415 mg/kg (Rabbit; Literature study; Other; 15432 mg/kg; Rabbit; Experimental value)</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>17.8 mg/l/4h (Rat; Literature study)</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>4000 ppm/4h (Rat; Literature study)</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
- Causes skin irritation.

**Serious eye damage/irritation**
- Not classified

**Respiratory or skin sensitisation**
- Not classified

**Germ cell mutagenicity**
- Not classified

**Carcinogenicity**
- Suspected of causing cancer.

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

**STOT-single exposure**
- May cause drowsiness or dizziness.

**STOT-repeated exposure**
- May cause damage to organs.

**Aspiration hazard**
- May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general**
- Harmful to aquatic life.

**Acute aquatic toxicity**
- Not classified

**Chronic aquatic toxicity**
- Not classified

**Ethylbenzene (100-41-4)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 2</td>
<td>4.2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri; Semi-static system; Fresh water; Experimental value)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**Toluene (108-88-3)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>2.15 g O₂/g substance</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>2.52 g O₂/g substance</td>
</tr>
<tr>
<td>ThOD</td>
<td>3.13 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.69</td>
</tr>
</tbody>
</table>

**Ethylbenzene (100-41-4)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>1.44 g O₂/g substance (20d.)</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>2.1 g O₂/g substance</td>
</tr>
<tr>
<td>ThOD</td>
<td>3.17 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>45.4 (20 days)</td>
</tr>
</tbody>
</table>
12.3. Bioaccumulative potential

**Toluene (108-88-3)**

- **BCF fish 2**: 90 (BCF; 72 h; Leuciscus idus; Static system; Fresh water)
- **Log Pow**: 2.73 (Experimental value; Other; 20 °C)
- **Bioaccumulative potential**: Low potential for bioaccumulation (BCF < 500).

**Ethylbenzene (100-41-4)**

- **BCF fish 1**: 1 (BCF; Other; 6 weeks; Oncorhynchus kisutch; Flow-through system; Salt water; Literature study)
- **BCF fish 2**: 15 - 79 (BCF)
- **BCF other aquatic organisms 1**: 4.68 (BCF)
- **Log Pow**: 3.15 (Experimental value; 3.6; Experimental value; EU Method A.8: Partition Coefficient; 20 °C)
- **Bioaccumulative potential**: Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

**Toluene (108-88-3)**

- **Surface tension**: 0.03 N/m (20 °C)

**Ethylbenzene (100-41-4)**

- **Surface tension**: 0.029 N/m

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector’s sorting instructions.

SECTION 14: Transport information

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

14.1. UN number

- UN-No. (ADR) : 1993
- UN-No. (IMDG) : 1993
- UN-No. (IATA) : 1993
- UN-No. (ADN) : 1993

14.2. UN proper shipping name

- **Proper Shipping Name (ADR)**: Flammable liquid, n.o.s. (Toluene, Xylene)
- **Proper Shipping Name (IMDG)**: FLAMMABLE LIQUID, N.O.S. (Toluene, Xylene)
- **Proper Shipping Name (IATA)**: Flammable liquid, n.o.s. (Toluene, Xylene)
- **Proper Shipping Name (ADN)**: Flammable liquid, n.o.s. (Toluene, Xylene)

- **Transport document description (ADR)**: UN 1993 Flammable liquid, n.o.s. (Toluene, Xylene), 3, II
- **Transport document description (IMDG)**: UN 1993 FLAMMABLE LIQUID, N.O.S. (Toluene, Xylene), 3, II
- **Transport document description (IATA)**: UN 1993 Flammable liquid, n.o.s. (Toluene, Xylene), 3, II
- **Transport document description (ADN)**: UN 1993 Flammable liquid, n.o.s. (Toluene, Xylene), 3, II
### 14.3. Transport hazard class(es)

**ADR**
- Transport hazard class(es) (ADR): 3
- Danger labels (ADR): 3

![Flammable symbol](image)

**IMDG**
- Transport hazard class(es) (IMDG): 3
- Danger labels (IMDG): 3

![Flammable symbol](image)

**IATA**
- Transport hazard class(es) (IATA): 3
- Hazard labels (IATA): 3

![Flammable symbol](image)

**ADN**
- Transport hazard class(es) (ADN): 3
- Danger labels (ADN): 3

![Flammable symbol](image)

### 14.4. Packing group

- Packing group (ADR): II
- Packing group (IMDG): II
- Packing group (IATA): II
- Packing group (ADN): II

### 14.5. Environmental hazards

- Dangerous for the environment: No
- Marine pollutant: No
- Other information: No supplementary information available
14.6. Special precautions for user

- Overland transport
  No data available

- Transport by sea
  Special provisions (IMDG) : 274
  Limited quantities (IMDG) : 1 L
  Excepted quantities (IMDG) : E2
  Packing instructions (IMDG) : P001
  IBC packing instructions (IMDG) : IBC02
  Tank instructions (IMDG) : T7
  Tank special provisions (IMDG) : TP1, TP8, TP28
  EmS-No. (Fire) : F-E
  EmS-No. (Spillage) : S-E
  Stowage category (IMDG) : B

- Air transport
  PCA Excepted quantities (IATA) : E2
  PCA Limited quantities (IATA) : Y341
  PCA limited quantity max net quantity (IATA) : 1L
  PCA packing instructions (IATA) : 3S3
  PCA max net quantity (IATA) : 5L
  CAO packing instructions (IATA) : 364
  CAO max net quantity (IATA) : 60L
  Special provisions (IATA) : A3
  ERG code (IATA) : 3H

- Inland waterway transport
  No data available

- Rail transport
  No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
  Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
  Contains no REACH substances with Annex XVII restrictions
  Contains no substance on the REACH candidate list
  Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany
  AwSV/VwVwS Annex reference : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)
  12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SPECTRA CV X1
Safety Data Sheet

According to Regulation (EU) 2015/830

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Acute toxicity (inhal.), Category 4</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Carc. 2</td>
<td>Carcinogenicity, 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>Repr. 2</td>
<td>Reproductive toxicity, Category 2</td>
</tr>
<tr>
<td>Repr. 2</td>
<td>Reproductive toxicity, Category 2</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<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>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>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
</tr>
<tr>
<td>H361d</td>
<td>Suspected of damaging the unborn child</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs</td>
</tr>
</tbody>
</table>

Denmark
Class for fire hazard: Class II-1
Store unit: 5 liter
Classification remarks: R10 <H225;H304;H315;H336;H351;H361;H373>; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations:
Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.