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

**1.1. Product identifier**

Product name: Injection System Purge  
Product code: W76695

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

**1.2.1. Relevant identified uses**

Use of the substance/mixture: Petrol injection cleaner

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Wynn's Belgium  
Industriepark-West 46  
9100 Sint-Niklaas - Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
msds@wynns.eu - www.wynns.be

**1.4. Emergency telephone number**

Emergency number: BIG: +32(0)14/58.45.45

---

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

- Flam. Liq. 2: H225  
- Acute Tox. 4 (Dermal): H312  
- Acute Tox. 4 (Inhalation:dust,mist): H332  
- Skin Irrit. 2: H315  
- Eye Irrit. 2: H319  
- STOT SE 3: H336  
- Asp. Tox. 1: H304  
- Aquatic Chronic 2: H411

Full text of H-phrases: see section 16

**Classification according to Directive 67/548/EEC or 1999/45/EC**

- F; R11  
- Xn; R20/21  
- Xn; R65  
- Xi; R36/38  
- R52/53

Full text of R-phrases: see section 16

**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
- GHS09

Signal word (CLP): Danger

Hazardous ingredients: Xylene, Pentane, hydrocarbons, C6, isoalkanes, <5% n-hexane

Hazard statements (CLP):
- H225 - Highly flammable liquid and vapour
- H304 - May be fatal if swallowed and enters airways
- H312+H332 - Harmful in contact with skin or if inhaled
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H411 - Toxic to aquatic life with long lasting effects

EUH phrases:
- EUH208 - Contains isomeric mixture; 2,2’-[[4(or5)-methyl-1H-benzotriazol-1-yl]-methyl]imino]bisethanol. May produce an allergic reaction

Precautionary statements (CLP):
- P102 - Keep out of reach of children
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P261 - Avoid breathing vapours
- P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
- P331 - Do NOT induce vomiting
- P273 - Avoid release to the environment


<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>soap, aliphatic hydrocarbons</td>
<td>&lt;5%</td>
</tr>
</tbody>
</table>

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable
### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Xylene</strong></td>
<td>(CAS No)1330-20-7</td>
<td>25 - 50</td>
<td>R10; Xn; R20/21; Xi; R38</td>
</tr>
<tr>
<td></td>
<td>(EC no)215-535-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)601-022-00-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119488216-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Propan-2-ol</strong></td>
<td>(CAS No)67-63-0</td>
<td>10 - 25</td>
<td>F; R11; Xi; R36; R67</td>
</tr>
<tr>
<td></td>
<td>(EC no)200-661-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)603-117-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119457558-25</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pentane</strong></td>
<td>(CAS No)109-66-0</td>
<td>10 - 25</td>
<td>F+; R12; Xn; R65; R66; R67</td>
</tr>
<tr>
<td></td>
<td>(EC no)203-692-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)601-006-00-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119459288-30</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</strong></td>
<td>(EC no)931-254-9</td>
<td>10 - 25</td>
<td>F; R11; Xi; R38; N; R51/53</td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119484651-34</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone</strong></td>
<td>(CAS No)872-50-4</td>
<td>2,5 - 5</td>
<td>Repr. Cat. 2; R61; Xn; R36/37/38</td>
</tr>
<tr>
<td>substance listed as REACH Candidate (1-Methyl-2-pyrrolidone)</td>
<td>(EC no)212-828-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)605-021-00-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119472430-46</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-butoxyethanol</strong></td>
<td>(CAS No)111-76-2</td>
<td>2,5 - 5</td>
<td>Xn; R20/21; Xi; R36/37/38</td>
</tr>
<tr>
<td></td>
<td>(EC no)203-905-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)603-014-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119475108-36</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-(2-butoxyethoxy)ethanol</strong></td>
<td>(CAS No)112-34-5</td>
<td>1 - 2,5</td>
<td>Xi; R36</td>
</tr>
<tr>
<td></td>
<td>(EC no)203-961-6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)603-096-00-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119475104-44</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</strong></td>
<td>(EC no)931-254-9</td>
<td>10 - 25</td>
<td>Xn; R20/21; Xi; R36/37/38</td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119484651-34</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone</strong></td>
<td>(CAS No)872-50-4</td>
<td>2,5 - 5</td>
<td>Repr. Cat. 2; R61; Xn; R36/37/38</td>
</tr>
<tr>
<td>substance listed as REACH Candidate (1-Methyl-2-pyrrolidone)</td>
<td>(EC no)212-828-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)605-021-00-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119472430-46</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Xylene</strong></td>
<td>(CAS No)1330-20-7</td>
<td>(12,5 =&lt; C) Xn; R20/21</td>
</tr>
<tr>
<td></td>
<td>(EC no)215-535-7</td>
<td>(EC no)601-022-00-9</td>
</tr>
<tr>
<td></td>
<td>(EC index no)601-022-00-9</td>
<td></td>
</tr>
<tr>
<td><strong>N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone</strong></td>
<td>(CAS No)872-50-4</td>
<td>(10 =&lt; C) Xn; R20/21; Xi; R36/37/38</td>
</tr>
<tr>
<td>substance listed as REACH Candidate (1-Methyl-2-pyrrolidone)</td>
<td>(EC no)212-828-1</td>
<td>(EC no)605-021-00-7</td>
</tr>
<tr>
<td></td>
<td>(EC index no)605-021-00-7</td>
<td></td>
</tr>
</tbody>
</table>

### Specific concentration limits

<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><strong>Xylene</strong></td>
<td>(CAS No)1330-20-7</td>
<td>25 - 50</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></td>
<td>(EC no)215-535-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)601-022-00-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119488216-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Propan-2-ol</strong></td>
<td>(CAS No)67-63-0</td>
<td>10 - 25</td>
<td>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td>(EC no)200-661-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)603-117-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119457558-25</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pentane</strong></td>
<td>(CAS No)109-66-0</td>
<td>10 - 25</td>
<td>Flam. Liq. 2, H225; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td></td>
<td>(EC no)203-692-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)601-006-00-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119459236-30</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</strong></td>
<td>(CAS No)931-254-9</td>
<td>10 - 25</td>
<td>Flam. Liq. 2, H225; Skin Irrit. 2, H315; STOT SE 3, H336; Asp. Tox. 1, H304; Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119484651-34</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone</strong></td>
<td>(CAS No)872-50-4</td>
<td>2,5 - 5</td>
<td>Skin Irrit. 2, H315; Eye Irrit. 2, H319; Repr. 1B, H360D; STOT SE 3, H335</td>
</tr>
<tr>
<td>substance listed as REACH Candidate (1-Methyl-2-pyrrolidone)</td>
<td>(EC no)212-828-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no)605-021-00-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no)01-2119472430-46</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Name** | **Product identifier** | **%** | **Classification according to Regulation (EC) No. 1272/2008 [CLP]** |
---|---|---|---|
2-butoxyethanol | (CAS No)111-76-2 (EC no)203-905-0 (REACH-no)01-2119475108-36 | 2,5 - 5 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
2-(2-butoxyethoxy)ethanol | (CAS No)112-34-5 (EC no)203-961-6 (REACH-no)01-2119475104-44 | 1 - 2,5 | Eye Irrit. 2, H319 |

**Name** | **Product identifier** | **Specific concentration limits** |
---|---|---|
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone | (CAS No)872-50-4 (EC no)212-828-1 (REACH-no)01-2119472430-46 | (5 <= C) Repr. 1B, H360D (10 <= C) STOT SE 3, H335 |

Full text of R- and H-phrases: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**


**First-aid measures after inhalation**: Remove victim to fresh air.

**First-aid measures after skin contact**: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Take victim to a doctor if irritation persists.

**First-aid measures after eye contact**: Rinse immediately with plenty of water. Take victim to an ophtalmologist if irritation persists.

**First-aid measures after ingestion**: Rinse mouth thoroughly with water. Do not induce vomiting. Ingestion of large quantities: immediately to hospital.

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

No additional information available

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

No additional information available

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media: Alcohol resistant foam. BC-powder. Water spray.

**5.2. Special hazards arising from the substance or mixture**

**Fire hazard**: Highly flammable liquid and vapour. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

**Explosion hazard**: No direct explosion hazard.

**5.3. Advice for firefighters**

**Firefighting instructions**: Prevent fire-fighting water from entering environment.

**Protection during firefighting**: Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General measures**: Use special care to avoid static electric charges. No naked lights. No smoking.

**6.1.1. For non-emergency personnel**

**Protective equipment**: Safety glasses. Face-shield. Gloves. protective clothing.

**Emergency procedures**: Mark the danger area. Seal off low-lying areas. Large spills/in enclosed spaces: compressed air apparatus. Wash contaminated clothes.

**6.1.2. For emergency responders**

**Protective equipment**: Equip cleanup crew with proper protection.

05/12/2013 EN (English) 4/9
6.2. **Environmental precautions**  
Prevent spreading in sewers. Prevent soil and water pollution.

6.3. **Methods and material for containment and cleaning up**  
For containment : Contain leaking substance, pump over in suitable containers. 
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with detergents. Avoid solvent cleaners.

6.4. **Reference to other sections**  
No additional information available

**SECTION 7: Handling and storage**

7.1. **Precautions for safe handling**  
Precautions for safe handling : meet the legal requirements. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin. No particular risk when handled in accordance with good occupational hygiene practice. 
Hygiene measures : Observe normal hygiene standards. Wash contaminated clothing before reuse.

7.2. **Conditions for safe storage, including any incompatibilities**  
Storage conditions : Keep container tightly closed. Meet the legal requirements. 
Storage temperature : < 45 °C 
Storage area : Store in a well-ventilated place. Meet the legal requirements. 
Special rules on packaging : Keep only in original container. correctly labelled.

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>EU IOELV TWA (mg/m³)</th>
<th>EU IOELV TWA (ppm)</th>
<th>EU IOELV STEL (mg/m³)</th>
<th>EU IOELV STEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-butoxyethoxy)ethanol</td>
<td>67,5 mg/m³</td>
<td>10 ppm</td>
<td>101,2 mg/m³</td>
<td>15 ppm</td>
</tr>
<tr>
<td>EU</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xylene (1330-20-7)</td>
<td>221 mg/m³</td>
<td>50 ppm</td>
<td>442 mg/m³</td>
<td>100 ppm</td>
</tr>
<tr>
<td>EU</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol (111-76-2)</td>
<td>98 mg/m³</td>
<td>20 ppm</td>
<td>246 mg/m³</td>
<td>50 ppm</td>
</tr>
<tr>
<td>EU</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. **Exposure controls**  
Personal protective equipment : Gloves. Safety glasses. 
Hand protection : neoprene. nitrile. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer.
**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>Clear</td>
</tr>
<tr>
<td>Colour</td>
<td>light yellow</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>Refraction index</td>
<td>1.4215</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 36 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Self 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>No data available</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 @20°C</td>
<td>804 kg/m³</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic @40°C</td>
<td>&lt; 2 mm²/s</td>
</tr>
<tr>
<td>Viscosity, dynamic @40°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Viscosity Index</td>
<td></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**

Additional information: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from: strong oxidants and strong acids.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Harmful: may cause lung damage if swallowed.</td>
</tr>
<tr>
<td><strong>Injection System Purge</strong></td>
<td></td>
</tr>
<tr>
<td>ATE (dermal)</td>
<td>1100,000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE (dust,mist)</td>
<td>1,500 mg/l/4h</td>
</tr>
</tbody>
</table>
Xylene (1330-20-7)
ATE (dermal) 1100,000 mg/kg bodyweight
ATE (dust,mist) 1500 mg/l/4h

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
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: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: May cause long lasting harmful effects to aquatic life.
Ecology - water: Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Propan-2-ol (67-63-0)
Persistence and degradability: Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available.

2-(2-butoxyethoxy)ethanol (112-34-5)

Xylene (1330-20-7)

12.3. Bioaccumulative potential

Propan-2-ol (67-63-0)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

2-(2-butoxyethoxy)ethanol (112-34-5)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

Xylene (1330-20-7)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

Xylene (1330-20-7)
Ecology - soil: May be harmful to plant growth, blooming and fruit formation.

12.5. Results of PBT and vPvB assessment

N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (872-50-4)
This substance/mixture does not meet the PBT criteria of REACH, annex XIII.
This substance/mixture does not meet the vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations: Remove to an authorized waste treatment plant.
SECTION 14: Transport information

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

14.1. UN number
UN-No : 1993

14.2. UN proper shipping name
Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
Transport document description : UN 1993 FLAMMABLE LIQUID, N.O.S. (Xylene, Pentane, hydrocarbons, C6, isoalkanes, <5% n-hexane), 3, II, (D/E)

14.3. Transport hazard class(es)
Class (UN) : 3
Hazard labels (UN) : 3

14.4. Packing group
Packing group (UN) : II

14.5. Environmental hazards
Dangerous for the environment :

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport
Hazard identification number (Kemler No.) : 33
Classification code (UN) : F1
Orange plates

Special provision (ADR) : 274, 601, 640D
Transport category (ADR) : 2
Tunnel restriction code : D/E
Limited quantities (ADR) : 1L
Excepted quantities (ADR) : E2
EAC code : •3YE

14.6.2. Transport by sea
EmS-No. (1) : F-E, S-E

14.6.3. Air transport
Instruction "cargo" (ICAO) : 364
Instruction "passenger" (ICAO) : 353
Instruction "passenger" - Limited quantities (ICAO) : Y341

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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
No REACH Annex XVII restrictions
Contains REACH Candidate List substance(s): 1-Methyl-2-pyrrolidone (EC 212-828-1, CAS 872-50-4)
15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)  Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1 Aspiration hazard, Category 1
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2
Flam. Liq. 2 Flammable liquids, Category 2
Flam. Liq. 3 Flammable liquids, Category 3
Repr. 1B Reproductive toxicity, Category 1B
Skin Irrit. 2 Skin corrosion/irritation, Category 2
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225 Highly flammable liquid and vapour
H226 Flammable liquid and vapour
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H360D May damage the unborn child
H411 Toxic to aquatic life with long lasting effects
R10 Flammable
R11 Highly flammable
R12 Extremely flammable
R20/21 Harmful by inhalation and in contact with skin
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R36 Irritating to eyes
R36/37/38 Irritating to eyes, respiratory system and skin
R36/38 Irritating to eyes and skin
R38 Irritating to skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R61 May cause harm to the unborn child
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness
F Highly flammable
F+ Extremely flammable
N Dangerous for the environment
Xi Irritant
Xn Harmful

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.