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

### 1.1. Product identifier
- **Product form**: Mixture
- **Trade name**: Pump Oil
- **Product code**: 764334-644

### 1.2. Relevant identified uses of the substance or mixture and uses advised against
- **Use of the substance/mixture**: Synthetic Oil
- **Use of the substance/mixture**: For industrial and institutional use only. Not for home use.

### 1.3. Details of the supplier of the safety data sheet
- **Manufacturer**: STERIS Corporation
  - P. O. Box 147, St. Louis, MO 63166, US
  - US Emergency Telephone No.: 1-800-548-4873 (Customer Service-Healthcare Products)
  - Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)
  - Emergency Telephone No.: 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
- **Supplier**: STERIS Limited
  - Chancery House, 190 Waterside Road, Hamilton Industrial Park,
  - Leicester, LE5 1QZ, UK
  - Product/Technical Information Phone No.: +44 (0) 116 276 8636
  - Email: asksteris_msdss@steris.com

### 1.4. Emergency telephone number
- **Emergency number**: +44 (0) 1895 622 639

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture
- **Chronic Aq. Tox. 3**: H412
- **Full text of H-phrases**: see section 16

### 2.2. Label elements
- **Signal word**: H412
- **Hazard statements (CLP)**: Harmful to aquatic life with lasting effects.
- **Precautionary statements (CLP)**: Avoid release to the environment.

### 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>N-1-Naphthylaniline</td>
<td>(CAS No) 90-30-2</td>
<td>≥0.25</td>
<td>Xi; R22</td>
</tr>
<tr>
<td></td>
<td>(EC no) 201-983-0</td>
<td>&lt;1</td>
<td>Xi; R43</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N; R50/53</td>
</tr>
</tbody>
</table>

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 general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of bluish discoloration (lips, ear lobes, fingernails), give oxygen as quickly as possible. If symptoms persist, call a physician.

First-aid measures after skin contact: In case of skin contact, wash off with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Get medical attention if irritation develops and persists.

First-aid measures after eye contact: In case of contact with eyes, rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

First-aid measures after ingestion: If swallowed, Do NOT induce vomiting. Consult a physician if necessary.

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

Symptoms/injuries after inhalation: No additional information available.

Symptoms/injuries after skin contact: Frequent or prolonged contact with skin may cause dermal irritation.

Symptoms/injuries after eye contact: Frequent or prolonged contact with eyes may cause ocular irritation.

Symptoms/injuries after ingestion: 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: Carbon Dioxide (CO2), Dry powder, foam, alcohol-resistant foam, water mist

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Carbon oxides. Burning produces noxious and toxic fumes.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire.

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Do not breathe fumes, vapours. Avoid contact with skin, eyes and clothes. If spilled, may cause the floor to be slippery.

6.1.1. For non-emergency personnel

Protective equipment: Use personal protective equipment. Ensure adequate ventilation.

Emergency procedures: Stop leak if safe to do so. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.
**6.2. Environmental precautions**

Should not be released into the environment. Do not contaminate water. Do not flush into surface water or sanitary sewer system.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see Section 13).

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

- **Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practice. Keep container closed when not in use. Do not use pressure to empty drums. Ensure all equipment is electrically grounded before beginning transfer operations.

- **Hygiene measures:** Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities**

- **Technical measures:** Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

- **Storage conditions:** Keep container tightly closed in a dry and well-ventilated place.

- **Incompatible materials:** No additional information available.

**7.3. Specific end use(s)**

No additional information available.

### SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

Contains no substances with occupational exposure limits.

**8.2. Exposure controls**

- **Appropriate engineering controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use ventilation to keep exposure to airborne contaminants below the exposure limits.

- **Personal protective equipment:** Avoid all unnecessary exposure. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Protective clothing. Gloves. Protective goggles.

  - **Hand protection:** Wear neoprene gloves.
  - **Eye protection:** Wear chemical goggles or safety glasses.
  - **Skin and body protection:** Wear impervious clothing.
  - **Respiratory protection:** The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### 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>Light Yellow Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Light Yellow</td>
</tr>
<tr>
<td>odour</td>
<td>No data available</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</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Boiling point: No data available
Flash point: 250°C Method: Cleveland open cup ASTM D 92
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: 0.957 g/cm³
Relative vapour density at 20 °C: No data available
Relative density: No data available
Density: Slightly soluble
Solubility: No data available
Log Pow: No data available
Log Kow: No data available
Vapour pressure: No data available
Explosion temperature: No data available
Decomposition temperature: No data available
Decomposition temperature: No data available
Decomposition temperature: No data available
Explosive properties: No data available
Explosive properties: No data available
Explosive properties: No data available
Partition coefficient: n-octanol/water: 98.5 mm²/s at 40°C

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reaction known under conditions of normal use.

10.2. Chemical stability
No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Heat

10.5. Incompatible materials
Strong acids and strong bases

10.6. Hazardous decomposition products
Carbon oxides

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>N-1-naphthylaniline (90-30-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: N-1-naphthylaniline
Species: Rabbit
Method: OECD Test Guideline 405
Result: No eye irritation

Serious eye damage/irritation: N-1-naphthylaniline
Species: Rabbit
Method: Draize Test
Result: No skin irritation
### Respiratory or skin sensitisation
- Maximisation Test:
- Species: guinea pig
- Classification: May cause sensitization by skin contact
- Patch Test:
- Species: Human
- Classification: May cause sensitization by skin contact

### Germ cell mutagenicity
- Ames Test:
- Chinese Hamster Ovary (CHO)
- Result: Negative

### Genotoxicity in vivo
- In vivo assay:
- Species: Mouse
- Result: Negative

### Carcinogenicity
- Not classified
- Based on available data, the classification criteria are not met

### Reproductive toxicity
- Not classified
- Based on available data, the classification criteria are not met

### Specific target organ toxicity (single exposure)
- Not classified
- Based on available data, the classification criteria are not met

### Specific target organ toxicity (repeated exposure)
- Not classified
- Based on available data, the classification criteria are not met

### Aspiration hazard
- Not classified
- Based on available data, the classification criteria are not met

EUH208 – Contains N-1-naphthylaniline: May produce an allergic reaction.

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>N-1-naphthylaniline (90-30-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fishes 1</td>
<td>0.44 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [Static])</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>0.68 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
</tr>
<tr>
<td>NOEC</td>
<td>0.02 mg/l (Exposure time: 21 d – Species: Daphnia magna)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability
- No additional information available

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>N-1-naphthylaniline (90-30-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>427-2,730</td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil
- No additional information available

#### 12.5. Other adverse effects
- Other information: Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods
- Waste disposal recommendations: Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of wastes in an approved waste disposal facility.
- Ecology - waste materials: Avoid release to the environment.

### SECTION 14: Transport information

Not Dangerous goods

#### Additional information
- Other information: No supplementary information available.

#### ADR
- Transport document description: No additional information available.
**Transport by sea**
No additional information available

**Air transport**
No additional information available

### SECTION 15: Regulatory information

#### 15.1. EU-Regulations

**No REACH Annex XVII restrictions**
Contains no REACH candidate substance

- **Water Contaminating Class (Germany):** WGK 1 slightly water endangering self classification
- **US TSCA:** On TSCA Inventory
- **DSL:** All components of this product are on the Canadian DSL list.
- **AICS:** On the inventory or in compliance with the inventory
- **NZIoC:** Not in compliance with the inventory
- **ENCS:** Not in compliance with the inventory
- **KECi:** On the inventory or in compliance with the inventory
- **PICCS:** On the inventory or in compliance with the inventory
- **IECSC:** Not in compliance with the inventory

#### 15.2. National regulations

No additional information available

### SECTION 16: Other information

**Sources of Key data:**

**Other information:** None

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Dangerous for the environment</td>
</tr>
<tr>
<td>R22</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>R43</td>
<td>May cause sensitization by skin contact</td>
</tr>
<tr>
<td>R50/53</td>
<td>Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment</td>
</tr>
<tr>
<td>R52/53</td>
<td>Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure if swallowed</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>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

**SDS EU (REACH Annex II)**

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.