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

- Product identifier
  - Trade name: Semi-Volatiles Mixture
  - Part number: US-455-1
  - Relevant identified uses of the substance or mixture and uses advised against Laboratory chemicals

- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: ULTRA Scientific, Inc.
    250 Smith Street
    North Kingstown, RI 02852
    USA

- Further information obtainable from:
  - Telephone: (401) 294-9400
  - Fax: (401) 295-2300
  - E-mail: regulatory@ultrasci.com
  - Emergency telephone number:
    US: (800) 424-9300
    Outside US: (703) 527-3887

2 Hazards identification

- Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008

  ![GHS08 health hazard]
  - Muta. 1B H340 May cause genetic defects.
  - Carc. 1A H350 May cause cancer.

  ![GHS07]
  - Acute Tox. 4 H302 Harmful if swallowed.
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Eye Irrit. 2 H319 Causes serious eye irritation.

- Label elements
  - Labelling according to Regulation (EC) No 1272/2008
    The product is classified and labelled according to the CLP regulation.

- Hazard pictograms

  ![GHS07 GHS08]

- Signal word Danger

- Hazard-determining components of labelling:
  - dichloromethane
  - 4,4'-oxydianiline and its salts
  - 2-methoxyaniline
  - 5-nitro-o-toluidine

(Contd. on page 2)
Trade name: Semi-Volatiles Mixture

- **Hazard statements**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H340 May cause genetic defects.
  - H350 May cause cancer.

- **Precautionary statements**
  - P101 If medical advice is needed, have product container or label at hand.
  - P102 Keep out of reach of children.
  - P103 Read label before use.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P321 Specific treatment (see on this label).
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**
  - Contains 4-methyl-m-phenylene diamine. May produce an allergic reaction.

- **Other hazards**
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Chemical</th>
<th>Acute Toxicity</th>
<th>Skin Irrit.</th>
<th>Eye Irrit.</th>
<th>Carcinogenicity</th>
<th>Mutagenicity</th>
<th>Repr./Teratogenicity</th>
<th>Aquatic Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>200-838-9</td>
<td>dichloromethane</td>
<td>H351; Acute Tox. 4; H302; Skin Irrit. 2; Eye Irrit. 2; H315</td>
<td>97.738%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>53-96-3</td>
<td>200-188-6</td>
<td>2-acetylaminofluorene</td>
<td>Carc. 1A, H350; Acute Tox. 4, H302</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60-09-3</td>
<td>200-453-6</td>
<td>4-aminoazobenzene</td>
<td>Carc. 1B, H350; Aquatic Acute 1, H400; Aquatic Chronic 1, H410</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90-04-0</td>
<td>201-963-1</td>
<td>2-methoxyaniline</td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Muta. 2, H341; Carc. 1B, H350</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-79-4</td>
<td>202-452-6</td>
<td>5-chloro-o-toluidine</td>
<td>Carc. 1A, H350; Acute Tox. 4, H302</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120-71-8</td>
<td>204-419-1</td>
<td>6-methoxy-m-toluidine</td>
<td>Carc. 1B, H350; Acute Tox. 4, H302</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-80-7</td>
<td>202-453-1</td>
<td>4-methyl-m-phenylene diamine</td>
<td>Acute Tox. 3, H301; Muta. 2, H341; Carc. 1B, H350; Repr. 2, H361f; STOT RE 2, H373; Aquatic Chronic 2, H411; Acute Tox. 4, H312; Skin Sens. 1, H317</td>
<td>0.151%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Trade name: Semi-Volatiles Mixture

<table>
<thead>
<tr>
<th>CAS</th>
<th>Trade Name</th>
<th>Notation</th>
<th>Health Hazard</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>119-90-4</td>
<td>3,3'-dimethoxybenzidine</td>
<td></td>
<td>Carc. 1B, H350; Acute Tox. 4, H302</td>
<td>0.151%</td>
</tr>
<tr>
<td>204-355-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>99-55-8</td>
<td>5-nitro-o-toluidine</td>
<td></td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Carc. 2, H351; Aquatic Chronic 3, H412</td>
<td>0.151%</td>
</tr>
<tr>
<td>202-765-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56-57-5</td>
<td>4-Nitroquinoline-1-oxide</td>
<td></td>
<td>Carc. 1A, H350</td>
<td></td>
</tr>
<tr>
<td>200-281-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101-80-4</td>
<td>4,4'-oxydianiline and its salts</td>
<td></td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Mutagen. 1B, H340; Carc. 1B, H350; Repr. 2, H361f; Aquatic Chronic 2, H411</td>
<td>0.151%</td>
</tr>
<tr>
<td>202-977-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-53-4</td>
<td>o-toluidine</td>
<td></td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H331; Carc. 1B, H350; Aquatic 1, H400; Eye Irrit. 2, H319</td>
<td>0.151%</td>
</tr>
<tr>
<td>202-429-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55-18-5</td>
<td>diethylnitrosoamine</td>
<td></td>
<td>Acute Tox. 3, H301</td>
<td></td>
</tr>
<tr>
<td>200-226-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10595-95-6</td>
<td>N-Nitrosomethylurea</td>
<td></td>
<td>Acute Tox. 3, H301; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335</td>
<td>0.151%</td>
</tr>
<tr>
<td>59-89-2</td>
<td>N-nitrosomorpholine</td>
<td></td>
<td>Acute Tox. 3, H301</td>
<td></td>
</tr>
</tbody>
</table>

SVHC

<table>
<thead>
<tr>
<th>CAS</th>
<th>Trade Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-09-3</td>
<td>4-aminophenol</td>
</tr>
<tr>
<td>90-04-0</td>
<td>2-methylaniline</td>
</tr>
<tr>
<td>120-71-8</td>
<td>6-methoxy-m-toluidine</td>
</tr>
<tr>
<td>95-80-7</td>
<td>4-methyl-m-phenylene diamine</td>
</tr>
<tr>
<td>101-80-4</td>
<td>4,4'-oxydianiline and its salts</td>
</tr>
<tr>
<td>95-53-4</td>
<td>o-toluidine</td>
</tr>
</tbody>
</table>

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  - **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
  - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed** No further relevant information available.
5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
- Reference to other sections
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

7 Handling and storage

- Handling:
  - Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace.
  - Information about fire - and explosion protection: No special measures required.
  - Conditions for safe storage, including any incompatibilities
  - Storage:
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Keep container tightly sealed.
  - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
  - Ingredients with limit values that require monitoring at the workplace:
    - 75-09-2 dichloromethane
      - WEL: Short-term value: 1060 mg/m³, 300 ppm
      - BMGV, Sk: Long-term value: 350 mg/m³, 100 ppm
    - 95-53-4 o-toluidine
      - WEL: Long-term value: 0.89 mg/m³, 0.2 ppm
      - Carc; Sk:
Ingredients with biological limit values:

<table>
<thead>
<tr>
<th>Compound</th>
<th>Limit Value</th>
<th>Medium</th>
<th>Sampling Time</th>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-09-2 dichloromethane</td>
<td>30 ppm</td>
<td>end-tidal breath</td>
<td>post shift</td>
<td>carbon monoxide</td>
</tr>
</tbody>
</table>

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the eyes and skin.

Respiratory protection:
- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Material of gloves
- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:
- Safety glasses
- Tightly sealed goggles

Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:
- Form: Fluid
- Colour: Colourless
- Odour: Like chlorine
- Odour threshold: Not determined.

pH-value: Not determined.
### 10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**: No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
- **Possibility of hazardous reactions**: No dangerous reactions known.
- **Conditions to avoid**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: No dangerous decomposition products known.
11 Toxicological information

- Information on toxicological effects
- Acute toxicity
  Harmful if swallowed.

- LD/LC50 values relevant for classification:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalative LC50/4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE</td>
<td>1,483 mg/kg</td>
<td>66,313 mg/kg</td>
<td>663 mg/L</td>
</tr>
<tr>
<td>75-09-2 dichloromethane</td>
<td>1,600 mg/kg (rat)</td>
<td>&gt;2,000 mg/kg (rat)</td>
<td>88 mg/L (rat)</td>
</tr>
<tr>
<td>53-96-3 2-acetylaminofluorene</td>
<td>850 mg/kg (mouse)</td>
<td>2,000 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>90-04-0 2-methoxyaniline</td>
<td>464 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-79-4 5-chloro-o-toluidine</td>
<td>464 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120-71-8 6-methoxy-m-toluidine</td>
<td>1,450 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>119-90-4 3,3'-dimethoxybenzidine</td>
<td>1,920 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>101-80-4 4,4'-oxydianiline and its salts</td>
<td>725 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-53-4 o-toluidine</td>
<td>900 mg/kg (rat)</td>
<td>3,244 mg/kg (rabbit)</td>
<td>862 mg/L (rabbit)</td>
</tr>
<tr>
<td>55-18-5 diethylnitrosamine</td>
<td>220 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10595-95-6 N-Nitrosomethylamine</td>
<td>90 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>59-89-2 N-nitrosomorpholine</td>
<td>282 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>930-55-2 1-nitrosopyrroldine</td>
<td>900 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Primary irritant effect:
- Skin corrosion/irritation
  Causes skin irritation.
- Serious eye damage/irritation
  Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

(Contd. of page 8)
12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behaviour in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
  - Additional ecological information:
  - General notes:
    Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
    Do not allow product to reach ground water, water course or sewage system, even in small quantities.
    Danger to drinking water if even extremely small quantities leak into the ground.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation
  Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- European waste catalogue
  - HP 4 Irritant - skin irritation and eye damage
  - HP 6 Acute Toxicity
  - HP 7 Carcinogenic
  - HP 11 Mutagenic

- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  - ADR, IMDG, IATA: UN1590

- UN proper shipping name
  - ADR: 1590 DICHLOROANILINES, LIQUID

(Contd. on page 9)
**Trade name:** Semi-Volatiles Mixture

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>DICHLOROANILINES, LIQUID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>ADR, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>6.1 Toxic substances.</td>
</tr>
<tr>
<td>Label</td>
<td>6.1</td>
</tr>
<tr>
<td>Packing group</td>
<td></td>
</tr>
<tr>
<td>ADR, IMDG, IATA</td>
<td>II</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Warning: Toxic substances.</td>
</tr>
<tr>
<td>Danger code (Kemler):</td>
<td>60</td>
</tr>
<tr>
<td>EMS Number:</td>
<td>F-A,S-A</td>
</tr>
<tr>
<td>Transport in bulk according to Annex II of Marpol and the IBC Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport/Additional information:</td>
<td></td>
</tr>
<tr>
<td>ADR</td>
<td></td>
</tr>
<tr>
<td>Limited quantities (LQ)</td>
<td>100ml</td>
</tr>
<tr>
<td>Excepted quantities (EQ)</td>
<td>Code: E4</td>
</tr>
<tr>
<td>Maximum net quantity per inner packaging: 1 ml</td>
<td>Maximum net quantity per outer packaging: 500 ml</td>
</tr>
<tr>
<td>Transport category</td>
<td>2</td>
</tr>
<tr>
<td>Tunnel restriction code</td>
<td>D/E</td>
</tr>
<tr>
<td>IMDG</td>
<td></td>
</tr>
<tr>
<td>Limited quantities (LQ)</td>
<td>100ml</td>
</tr>
<tr>
<td>Excepted quantities (EQ)</td>
<td>Code: E4</td>
</tr>
<tr>
<td>Maximum net quantity per inner packaging: 1 ml</td>
<td>Maximum net quantity per outer packaging: 500 ml</td>
</tr>
<tr>
<td>UN &quot;Model Regulation&quot;:</td>
<td>UN 1590 DICHLOROANILINES, LIQUID, 6.1, II</td>
</tr>
</tbody>
</table>

**15 Regulatory information**

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 28, 43, 59
- National regulations:
  - Additional classification according to Decree on Hazardous Materials, Annex II:
    Carcinogenic hazardous material group III (dangerous).
- Information about limitation of use:
  Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

(Contd. on page 10)
Trade name: Semi-Volatiles Mixture

- Other regulations, limitations and prohibitive regulations

- Substances of very high concern (SVHC) according to REACH, Article 57

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-09-3</td>
<td>4-aminoazobenzene</td>
</tr>
<tr>
<td>90-04-0</td>
<td>2-methoxyaniline</td>
</tr>
<tr>
<td>120-71-8</td>
<td>6-methoxy-m-toluidine</td>
</tr>
<tr>
<td>95-80-7</td>
<td>4-methyl-m-phenylene diamine</td>
</tr>
<tr>
<td>101-80-4</td>
<td>4,4'-oxydianiline and its salts</td>
</tr>
<tr>
<td>95-53-4</td>
<td>o-toluidine</td>
</tr>
</tbody>
</table>

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H340 May cause genetic defects.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H351 Suspected of causing cancer.
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Muta. 1B: Germ cell mutagenicity – Category 1B

(Contd. on page 11)
Trade name: Semi-Volatiles Mixture

Muta. 2: Germ cell mutagenicity – Category 2
Carc. 1A: Carcinogenicity – Category 1A
Carc. 1A: Carcinogenicity – Category 1A
Carc. 1B: Carcinogenicity – Category 1B
Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3