- **Overview**
  - Summary

- **Inherent hazards**
  - Hazards that are present as a result of the composition and construction of the product

- **Operational hazards**
  - Hazards that are only present when the product is in operation

- **Decommissioning**
  - Particular hazards that may be present during decommissioning of the product

- **Disposal**
  - Guidance for the safe disposal of product at end of life including environmental considerations

- **Material data**
  - A breakdown of the material content of all product types covered by this Product Safety Data Sheet

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**Overview**

EC410 Electrochemical Oxygen sensors are safe when handled and used according to the guidelines included in this data sheet, and require no special handling or processing for safe disposal or environmental protection.

**Inherent hazards**

The sensor contains a small quantity of sulfuric acid. In the event of leakage and skin contact, rinse with plenty of water and seek medical advice.

These sensors contain small pins. Care needs to be taken to prevent puncture injuries.

**Operational hazards**

There are no additional hazards that occur during operation of this device.

**Decommissioning**

There are no additional hazards associated with the decommissioning of this device.

**Disposal**

The sensor must not be incinerated as harmful products may be produced. It is recommended that the sensor be returned to SGX Sensortech (IS) Ltd to facilitate recycling as the sensor contains a small amount of noble metals.
There are no hazardous materials in sufficient quantities to require special treatment from an environmental protection point of view.

RoHS 2002/95/EC

This Product complies with the RoHS directive 2002/95/EC.

Material data

The following table of material data provides information to assist disposal in accordance with environmental regulations.

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Mass (g)</th>
<th>ABS</th>
<th>Mild steel</th>
<th>PTFE</th>
<th>Platinum</th>
<th>Sulfuric Acid</th>
<th>Glass Fibre</th>
<th>'NAFION' type Polymer</th>
<th>Gold</th>
<th>Polypropylene</th>
<th>Total Other Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC410</td>
<td>5.7</td>
<td>~80</td>
<td>~10</td>
<td>&lt;1</td>
<td>3.5</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

In the event of encountering difficulties in disposing of these products, contact SGX Sensortech (IS) Ltd for advice.