



PRODUCT SAFETY DATASHEET

EC410 Electrochemical Oxygen Sensor

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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.



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There are no hazardous materials in sufficient quantities to require special treatment from an environmental protection point of view.



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.

Product Type	Mass (g)	Approximate Composition (%)									
		ABS	Mild steel	PTFE	Platinum	Sulfuric Acid	Glass Fibre	'NAFION' type Polymer	Gold	Polypropylene	Total Other Materials
EC410	5.7	~80	~10	~1	<<1	3.5	<1	~5	<<1	<<1	<<1

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