SECTION 1: IDENTIFICATION
According to OSHA HazCom Std 29 CFR 1910.1200 (b)(2): "This section applies to any chemical which is known to be present in the workplace in such a manner that employees may be exposed under normal conditions of use or in a foreseeable emergency."

1.1 Product Identifier
Product Name: Echem Sensors - Antimony pH Electrode Disk
Substance Name: Antimony

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses:
Exposed lump metal component of electrode/kit.

Uses advised against (if applicable):
Avoid inhalation of powder and/or degraded form of product; use as directed.

Reasons why uses advised against (if applicable):
Health hazards differ significantly if powder and/or degraded form of antimony is inhaled; antimony is suspected of causing cancer via inhalation.

1.3 Details of the Supplier of the Safety Data Sheet
Manufacturer/Supplier: Foxboro by Schneider Electric
Street address: 38 Neponset Avenue
City, State Zip Code: Foxborough, MA 02035
Country: USA
Telephone number: (508) 549-2424

Name of Importer: Not applicable.
Address of Importer: Not applicable.

1.4 Emergency Phone: CHEMTEL phone: +1 (800) 255-3924

SECTION 2: HAZARDS IDENTIFICATION
2.1 Classification of the Substance or Mixture:
Not classified.

2.2 Label elements
None.

Signal Word
None.

Hazard Statements
None.

Precautionary statements
None.

2.3 Other Hazards
Other hazards which do not result in classification
None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substance

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>% WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony</td>
<td>7440-36-0</td>
<td>100</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES
4.1 Description of first aid measures
General Advice
If symptoms appear, call a physician. Show this safety data sheet to the doctor in attendance.

Eye contact
Immediately flush eyes with large amounts of water for at least 20 minutes, while holding eyelids open. Obtain medical attention immediately, as a precaution.

Skin contact
Wash exposed skin areas with soap and water. If irritation exists, obtain medical attention. Remove contaminated clothing. Wash contaminated clothing before reuse.
Inhalation
If symptoms appear, call a physician. Show this safety data sheet to the doctor in attendance.

Ingestion
If symptoms appear, call a physician. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed
No data available.

4.3 Indication of any immediate medical attention and special treatment needed
Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES
5.1 Extinguishing media
Suitable extinguishing media
CO2, foam, dry chemical, water spray.

Unsuitable extinguishing media
None identified.

5.2 Special hazards arising from the substance or mixture
This item is in a pressed disk form. Base material is a moderate flash and fire hazard in dust form when exposed to heat or flame.

5.3 Advice for firefighters
Avoid contact with exposed skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with exposed skin and eyes.

6.2 Environmental precautions
None identified.

6.3 Methods and material for containment and cleaning up
Place material in a clean dry container for later disposal. Dispose of in accordance with federal, state, and local environmental regulation.

6.4 Reference to other sections
See Section 8.

SECTION 7: HANDLING AND STORAGE
7.1 Precautions for safe handling
Avoid contact with eyes, skin, and clothing. Avoid breathing mist. Wash thoroughly after handling. Store in closed containers.

7.2 Conditions for safe storage
Store in closed containers at room temperature, under dry conditions.

7.3 Specific end uses(s)
See Section 1.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters
Occupational Exposure Limit value (OELs):
OSHA PEL TWA: 0.5 mg/m$^3$
NIOSH REL TWA: 0.5 mg/m$^3$
ACGIH TLV TWA: 0.5 mg/m$^3$

Derived No-Effect Levels (DNELs):
No data available.

Predicted No Effect Concentrations (PNECs):
No data available.

Work Hygiene Practices
Wash exposed skin.

8.2 Exposure controls
Appropriate engineering controls
No data available.
Protective measures
No data available.

Personal Protective Equipment

Eye and Face Protection: Use face shield or side-shielded safety glasses or goggles.
Skin Protection: Use impervious gloves and body-covering clothing.
Hand protection: Use impervious gloves.

Other protection: No data available.

Respiratory Protection:
Use certified respiratory protection equipment meeting NIOSH/MSHA standards when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

Environmental Exposure Controls
See Section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance: Metallic white solid
Odor: No information available.
Odor threshold: No information available.
pH: No information available.
Melting point: No information available.
Initial boiling point and boiling range: Boiling point: 1635°C; no information available regarding boiling range.
Flash point: No information available.
Evaporation rate: No information available.
Flammability (solid, gas): No information available.
Lower flammability/explosive limits: No information available.
Upper flammability/explosive limits: No information available.
Vapour pressure: No information available.
Vapour density: No information available.
Relative density: No information available.
Solubility(ies) in water: Insoluble.
Partition coefficient, n-octanol/water: No information available.
Autoignition temperature: No information available.
Decomposition temperature: No information available.
Viscosity: No information available.
Explosive properties: No information available.
Oxidising properties: No information available.

9.2 Other information
No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
No data available.

10.2 Chemical stability
Stable under standard conditions.

10.3 Possibility of hazardous reactions
Reacts moderately to violently with acids, halogenated compounds, oxidizers, chlorine trifluoride, and nitric acid.

10.4 Conditions to avoid
No data available.

10.5 Incompatible materials
May react explosively with alkaline nitrates, peroxides, or bromine oxide.

10.6 Hazardous decomposition products
Stibine gas may be generated by thermal decomposition.
SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity
LD50, rat: 7000 mg/kg

Acute dermal toxicity
No data available.

Acute inhalation toxicity
No data available.

Skin corrosion/irritation
No data available.

Serious eye damage/irritation
No data available.

Respiratory or Skin sensitization
No data available.

Germ Cell Mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

Specific Target Organ Toxicity-Single Exposure (STOT-SE)
No data available.

Specific Target Organ Toxicity-Repeated Exposure (STOT-RE)
No data available.

Aspiration hazard
No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute toxicity to fish
No data available.

Acute toxicity to aquatic invertebrates
No data available.

Acute toxicity to algae
No data available.

Acute toxicity to other organisms
No data available.

Chronic toxicity to fish
No data available.

Chronic toxicity to aquatic invertebrates
No data available.

Chronic toxicity to algae
No data available.

Chronic toxicity to other organisms (bacteria)
No data available.

12.2 Persistence and degradability
No data available.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)
No data available.

Bioconcentration factor (BCF)
No data available.

12.4 Mobility in soil

Known or predicted distribution to environmental compartments
No data available.

Surface tension
No data available.

Adsorption/Desorption
No data available.

12.5 Results of PBT and vPvB assessment
No data available.

12.6 Other adverse effects
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Waste material must be disposed of in accordance with Federal, State & Local environmental control regulations. Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Do not heat/cut empty container with electric or gas torch. Process, use, or contamination of this product may alter the material properties to be considered at waste characterization. Whatever portions of the material that cannot be saved for recovery or recycling should be managed at an appropriate waste disposal factory.
SECTION 14: TRANSPORT INFORMATION
14.1 UN number
UN 1549

14.2 UN proper shipping name
Antimony compounds, inorganic, solid, N.O.S.

14.3 Transport hazard class(es)
6.1

14.4 Packing group
III

14.5 Environmental hazards
No information available.

14.6 Special precautions for users
No information available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not required; not intended to be carried in bulk tankers.

SECTION 15: REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
US Toxic Substances Control Act (TSCA): This chemical is currently registered in the US TSCA Inventory. The chemical found in this product comply with the Toxic Substances Control Act, 40 CFR 700-799, inventory reporting requirements.

15.2 Chemical safety assessment
No chemical safety assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION
SDS PREPARATION INFORMATION:
Date Generated: October 15, 2014
Date Revised: None.