

**MATERIAL SAFETY DATA SHEET****Section 1 Company and Product Identification**

<b>Product Name</b>	<b>3.5 M KCl</b>	Doc. ID: 511469-75 AA Issued: 11/10/1999 (day/month/year)
<b>Part Number</b>	S20	
<b>Product Use</b>	PHASE electrode refill solution	
<b>Manufacturer</b>	Sensorex Corporation 11751 Markon Drive Garden Grove, CA. 92841 USA	
<b>Distributor and Emergency Phone No.</b>	Refer to attached list, Document ID: 472050 for local distributor and emergency phone numbers.	

**Section 2 Composition and Information on Ingredients**

<b>Hazardous Ingredients:</b> None
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**Section 3 Hazards Identification**

<b>Emergency Overview</b>	Colorless; Clear; Liquid; Odorless Nonflammable liquid Does not meet EU, OSHA or WHMIS criteria for hazardous materials.		
<b>Physical Hazards</b>	No physical hazards were determined from a review of available literature.		
<b>Potential Health Effects Summary</b>	This product does not meet EU, OSHA or WHMIS criteria for hazardous materials.		
<b>Product Hazard Classifications</b>	<b>EU:</b> Not applicable	<b>WHMIS:</b> Not applicable	<b>US OSHA:</b> Not applicable

**Section 4 First Aid Measures**

<b>Inhalation</b>	If liquid becomes aerosolized and inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.
<b>Eye Contact</b>	In case of eye contact, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention.
<b>Skin Contact</b>	In case of skin contact, wash area with soap and water. Rinse well with water.
<b>Ingestion</b>	If product is swallowed, call physician or poison control center for most current information. Never induce vomiting or give liquids to someone who is unconscious or cannot swallow.

**Section 5 Fire Fighting Measures**

<b>Flash Point</b>	Not applicable. Product is not flammable.
<b>Flammable Limits</b>	Not applicable

**Section 5 Fire Fighting Measures (continued)**

<b>Autoignition Temp</b>	Not applicable
<b>Extinguishing Media</b>	Use extinguishing media suitable for the surrounding fire.
<b>Special Fire and Explosion Hazards</b>	None identified.
<b>Hazardous Combustion Products</b>	None identified.
<b>Protective Equipment for Firefighters</b>	Self-contained breathing apparatus is recommended for fire fighters in all chemical fire situations.

### Section 6 Accidental Release Measures

<b>Personal Precautions</b>	Avoid eye and skin contact. Use good laboratory procedures.
<b>Spill and Leak Procedures</b>	Wipe up spill and place in container for suitable disposal.
<b>Environmental Precautions</b>	Contain spill to prevent migration.

### Section 7 Handling and Storage

<b>Handling Precautions</b>	Use good laboratory procedures, avoid contact when handling product.
<b>Recommended Storage Conditions</b>	Store as indicated on the product label.

### Section 8 Exposure Controls, Personal Protection

<b>Exposure Limits:</b>	
<b>US OSHA:</b>	None established
<b>ACGIH:</b>	None established
<b>DFG MAK</b>	None established
<b>Engineering Controls</b>	No special engineering controls are required. Use with good general ventilation.
<b>Respiratory Protection</b>	Under normal conditions, the use of this product should not require respiratory protection.
<b>Eye Protection</b>	Safety glasses are recommended to prevent eye contact.
<b>Skin Protection</b>	Impervious gloves should be worn where needed to prevent skin contact.

### Section 9 Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Transparency</b>	Clear
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	Not applicable
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Specific Gravity</b>	Not available
<b>Vapor Pressure</b>	17.5 mmHg @ 20°C (same as water)
<b>Vapor Density</b>	Not available
<b>Percent Volatiles</b>	74%
<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Evaporation Rate</b>	Not available

### Section 9 Physical and Chemical Properties (Continued)

**Solubility**

<b>Water</b>	Soluble
<b>Organic</b>	Not available

**Section 10 Stability and Reactivity****Stability**

Stable under normal temperatures and pressures.

**Hazardous Incompatibilities**

None identified.

**Hazardous Decomposition Products**

Decomposition products posing significant hazards are not expected.

**Conditions to Avoid**

None identified.

**Section 11 Toxicological Information****Toxicity Data for Hazardous Ingredients:** Not applicable**Primary Routes of Exposure**

The most likely route of exposure is skin contact.

**Potential Effects of Acute Exposure**

Direct contact may cause minor eye and skin irritation.

**Potential Effects of Chronic Exposure**

None identified.

**Symptoms of Exposure**

No specific symptoms identified.

**Carcinogenicity**

No ingredients in this product are listed by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex 1.

**Other Effects**

None identified.

**Condition Aggravated By Exposure**

None identified.

**Section 12 Ecological Information****Ecotoxicity**

No information available

**Biodegradability**

No information available

**Mobility**

No information available

**Section 13 Disposal Considerations****Waste Disposal**

Dispose of waste product, unused product and contaminated packaging in compliance with federal, state, and local regulations. If unsure of the requirements, contact the authorities or approved waste disposal companies for information.

**Section 14 Transport Information**

Transportation of this product is not regulated under ICATO, IATA, US DOT, European ADR or Canadian TDG.

**Section 15 Regulatory Information**

**US Federal and State Regulations**

<b>SARA 313</b>	No ingredients listed
<b>CERCLA RG's 40 CFR 302.4</b>	No ingredients listed
<b>California Proposition 65</b>	No ingredients listed
<b>Massachusetts MSL</b>	No ingredients listed
<b>New Jersey Dept. of Health RTK List</b>	No ingredients listed
<b>Pennsylvania RTK</b>	No ingredients listed

**EU**

Dangerous Ingredients

None

**Canada****WHMIS Classification:** Not a Controlled Product**PIN:** None**Ingredients on  
Ingredient Disclosure  
List:** None**Ingredients with  
unknown  
toxicological properties:** None**Section 16 Other Information**

For further information, please contact Sensorex.