



SENSOREX CORPORATION, 11751 Markon Drive, Garden Grove, CA. 92841 USA - Phone:714-895-4344

SAFETY DATA SHEET

PRODUCTS: SENSOREX SINGLE AND DOUBLE JUNCTION COMBINATION pH AND COMBINATION ORP (REDOX) ELECTRODES WITH POLYACRYLAMIDE-BASED REFERENCE GELS

COMPONENTS:	CHEMICAL	CAS#	WEIGHT %
<u>pH HALF CELL:</u>	Water	7732-18-5	89
	Potassium Chloride	7447-40-7	9
	Potassium Phosphate, Monobasic	7778-77-0	1
	Sodium Phosphate, Dibasic	7782-85-6	1
	Silver Chloride	7783-90-6	<0.1
	Preservative		<0.1
<u>ORP(REDOX) HALF CELL:</u>	Platinum	7440-06-4	N/A
	This material is present as a solid.		
<u>REFERENCE HALF-CELL #1:</u>	Water	7732-18-5	84
	Potassium Chloride	7447-40-7	11
	Silver Chloride	7783-90-6	<0.1
	Polyacrylamide-based gelling Agent		< 5
	Preservative		<0.1
<u>REFERENCE HALF-CELL #2:</u>	Water	7732-18-5	84
	Potassium Chloride	7447-40-7	11
	Polyacrylamide-based gelling Agent		< 5
	Preservative		<0.1
	Applies only to double junction electrodes		
<u>SOAKER BOTTLE SOLUTION:</u>	Water	7732-18-5	88
	Potassium Chloride	7447-40-7	11
	Potassium Acid Phthalate	877-24-7	1
	Preservative		<0.01

Components without CAS numbers are proprietary in nature. The "Preservative" in its concentrated powder form is considered a health hazard; however, in the small concentrations used in the electrodes, it is not believed to present a health hazard. The hazards associated with this product are those related to the constituent chemicals. **Safety Data Sheets for these non-proprietary materials are attached.**

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

Steps to take if material is released or spilled:

1. WEAR APPROPRIATE PROTECTIVE SKIN, EYE, & RESPIRATOR (NIOSH APPROVED) EQUIPMENT.
2. WIPE UP THE SPILL WITH ABSORBENT MATERIAL.
3. WASH THE SPILL AREA.

Waste Disposal:

1. DISPOSE IN A RCRA APPROVED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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