

## MATERIAL SAFETY DATA SHEET PART PHE-4201

**PRODUCTS: SINGLE AND DOUBLE JUNCTION COMBINATION pH AND COMBINATION  
ORP (REDOX) ELECTRODES**

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	71	
	Potassium Chloride	7447-40-7	26	
	Silver Chloride	7783-90-6	<0.1	
	Cellulose Based Gelling Agent			3
	Preservative		<0.1	
<u>REFERENCE HALF-CELL #1:</u>	Water	7732-18-5	71	
	Potassium Nitrate	7757-79-1	16	
	Cellulose Based Gelling Agent			3
	Preservative		<0.1	
<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 "Gelling Agent" is a food grade material. In its concentrated powdered form the "Preservative" is considered a health hazard; however, in the small concentrations used it is not believed to present a health hazard. The hazards associated with this product are those related to the constituent chemicals.

### \*\*\*\*\*MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES\*\*\*\*\*

Steps to take if material is released or spilled:

1. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.
2. WIPE UP THE SPILL WITH ABSORBENT MATERIAL.
3. WASH THE SPILL AREA.

Waste Disposal:

1. DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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