

# Material Safety Data Sheet

<b>Product Name:</b> STANDARD SOLUTION: 2010 - CONDUCTIVITY 1413uS	<b>Order Code:</b> 2010	<b>Document No:</b> TI-MSD-004
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## Section 1

<b>Manufacturer's Name</b> TRANS INSTRUMENTS (S) PTE LTD	<b>Telephone Number</b> 65-67420367
<b>Address</b> No 5 Jalan Kilang Barat, #06-04/05, Petro Centre, Singapore 159349	<b>Date Prepared</b> 26-08-2010

## Section 2 - Hazard Ingredients/Identity Information

Hazardous Components Specific Chemical Identity; Common Name(s)	%	OSHA PEL	ACGIH TLV
Potassium Chloride (KCL)	<1	None Listed	None Listed
Deionised Water (H <sub>2</sub> O)	>99	None Listed	None Listed

## Section 3 - Physical/Chemical Characteristics

<b>Boiling Point 750mm HG</b>	100°C	<b>Freezing Point</b>	0°C
<b>Vapor Pressure @ 25 °C</b>	NA	<b>Vapor Density (AIR=1)</b>	NA
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.0	<b>Evaporation Rate (Butyl Acetate = 1)</b>	NA
<b>PH @ 25°C</b>	5.0 – 8.0		
<b>Solubility in Water</b>	Miscible		
<b>Appearance and Odor</b>	Colourless and odorless liquid		

## Section 4 - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> Not flammable	<b>Auto-Ignition Temperature</b> NA	
<b>Flammable Limits in air % by volume</b>	<b>LEL</b> NA	<b>UEL</b> NA
<b>Extinguishing Media</b> Water, CO2, Dry chemical, foam or spray		
<b>Special Fire Fighting Procedures</b> None, non-flammable		
<b>Unusual Fire and Explosion Hazards</b> None		

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## Section 5 - Reactivity Data

<b>Stability</b> Unstable                      Stable <input checked="" type="checkbox"/>	<b>Conditions to Avoid</b> None
<b>Incompatibility (Materials to Avoid)</b> : None, suitable for any general storage	
<b>Hazardous Decomposition or Byproducts</b> None	
<b>Hazardous Polymerization</b> May Occur                      Will Not Occur <input checked="" type="checkbox"/>	<b>Conditions to Avoid</b> None

## Section 6 - Health Hazard Data

<b>Route(s) of Entry:</b>	<b>Inhalation?</b> No	<b>Skin?</b> No	<b>Ingestion?</b> No
<b>Health Hazards (Acute and Chronic)</b> Non hazardous			
<b>Carcinogenicity:</b>	<b>NTP?</b> Not found	<b>IARC Monographs?</b> Not found	<b>OSHA Regulated?</b> Not found
<b>Signs and Symptoms of Exposure</b> None			
<b>Medical Conditions Generally Aggravated by Exposure</b> Could cause stinging or irritation in an open cut.			
<b>Emergency and First Aid Procedures</b> Wash off contact area with water.			

## Section 7 - Precautions for Safe Handling and Use

<b>Steps to Be Taken in Case Material is Released or Spilled</b> Clean up and wash down drain.
<b>Waste Disposal Method</b> Wash down drain. Observe local laws.
<b>Precautions to Be taken in Handling and Storing</b> Suitable for any general handling and storage.
<b>Other Precautions</b> None

## Section 8 - Control Measures

<b>Respiratory Protection (Specify Type)</b> None		
<b>Ventilation</b>	<b>Local Exhaust</b> None	<b>Special</b> None
	<b>Mechanical (General)</b> None	<b>Other</b> None
<b>Protective Gloves</b> Not required	<b>Eye Protection</b> Safety glasses	
<b>Other Protective Clothing or Equipment</b> None		
<b>Work/Hygienic Practices</b> Wash hands after working with this product.		

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## Section 9 – Transport Information

Not subject to transport regulations.