

# MATERIAL SAFETY DATA SHEET

## I. Chemical Product and Company Identification

<b>Product Name:</b>  <b>Conductivity Standard 147µS/cm (µmho/cm+)</b>	<b>Manufacturer:</b> Aqua Phoenix Scientific, Inc. 320 Maple Ave. Hanover, PA 17331 Telephone: 866 632 1291 Fax: 717 633 1285	<b>Emergency Contact:</b> INFOTRAC Emergency Response Hotline: 1-800-535-5053 (in the U.S. and Canada) 1-352-323-3500 www.infotrac.net
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## II. Composition, Information on Ingredients

Hazardous Components Specific Chemical Identity: Common Names	CAS NO.	%	OSHA PEL	ACGIH TLV
Potassium Chloride	7447-40-7	<0.01-2% w/v	N/A	N/A
Water, purified	7732-18-5	>98% w/v	N/A	N/A

## III. Hazard Identification

**Emergency Overview:** Non-flammable, non-corrosive, non-toxic. Does not present significant health hazards. Wash areas of contact with water.

**Target Organs:** Eyes, Skin

<b>Eyes</b>	May cause slight irritation
<b>Skin</b>	May cause slight irritation
<b>Ingestion</b>	Large doses may cause upset stomach
<b>Inhalation</b>	Not likely to be a hazard
<b>Chronic Effect /Carcinogenicity</b>	None (IARC, NTP, OSHA)

## IV. First Aid

<b>Eyes</b>	Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance
<b>Skin</b>	Flush with water for 15 minutes. Get medical assistance if irritation develops
<b>Ingestion</b>	DO NOT induce vomiting. Dilute with water or milk. Get medical assistance
<b>Inhalation</b>	Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen

## V. Fire Fighting Measures

<b>Flash Point</b>	N/A
<b>Extinguishing Media</b>	Use means suitable to extinguishing surrounding fire
<b>Fire and Explosion Hazards</b>	Not considered to be a fire or explosion hazard
<b>Fire Fighting Instructions/Equipment</b>	Use normal procedures. Poisonous gases may be produced in fire. Use protective clothing. Use NIOSH-approved breathing equipment
<b>NFPA Rating</b>	(estimated) Health: 1, Flammable: 0, Reactivity: 0

## VI. Accidental Release Measures

Absorb with suitable material. Always obey local regulations.

## VII. Handling and Storage

<b>Handling</b>	Wash hands after handling. Avoid contact with skin and eyes
<b>Storage</b>	Protect from freezing and physical damage

### VIII. Exposure Controls, Personal Protection

<b>Engineering Controls</b>	Normal ventilation is adequate
<b>Respiratory Controls</b>	Normal ventilation is adequate
<b>Skin Protection</b>	Chemical resistant gloves
<b>Eye Protection</b>	Safety Glasses or goggles

### IX. Physical and Chemical Properties

<b>Appearance</b>	Clear, colorless liquid	<b>Odor</b>	Odorless
<b>pH @ 25°C</b>	N/A	<b>Solubility in Water</b>	Infinite
<b>Boiling Point</b>	Approx 100.1°C	<b>Specific Gravity</b>	1.00-1.01
<b>Melting point</b>	Approx (-6)-0°C	<b>Vapor Pressure</b>	N/A

### X. Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal conditions of use and storage
<b>Incompatibility</b>	Strong Oxidizing agents, Lithium, Bromine, Trifluoride
<b>Hazardous Decomposition Products</b>	Oxides of Sodium and fumes of Chloride
<b>Hazardous Polymerization</b>	Does not occur

### XI. Toxicological Information

<b>LD50 orl-rat</b>	3020mg/kg
<b>LC50 inhalation-rat</b>	N/A

### XII. Ecological Information

<b>Ecotoxicity</b>	N/A
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### XIII. Disposal Considerations

Dilute with water. All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.
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### XIV. Transport Information

<b>DOT</b>	Not Regulated
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### XV. Regulatory Information (not meant to be inclusive)

<b>OSHA Status</b>	These chemicals are not considered hazardous by OSHA
<b>TSCA</b>	The components of this solution are listed on the TSCA Inventory
<b>SARA Title III Section 313</b>	N/A
<b>RCRA Status</b>	N/A
<b>CERCLA Reportable Quality</b>	N/A
<b>WHMIS</b>	N/A

### XVI. Additional Information

Issue Date: 12/28/06

Revision Date: 3/9/09

\* N/A – Not Applicable/Not Available

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