

SAFETY DATA SHEET

74.7 $\mu\text{S} / \text{cm} @ 25^\circ\text{C}$

Section 1 Product Identification and Company Information

Product Name:	74.7 micro Siemens /cm ($\mu\text{S}/\text{cm}$) Conductivity Calibration Solution
Application:	For Calibrating Conductivity Meters and Conductivity Cells (Sensors)
Chemical Family:	Aqueous Salt Solution / Inorganic Salts
Company Information:	Amber Science, Inc. 277 Blair Blvd., Eugene, Oregon 97402 USA
Telephone / Fax No.	(541) 345-6877 Fax (541) 345-6277
Distributors:	VWR International ; Fisher Scientific (ThermoFisher Scientific)
Additional Catalog No.:	23198-049, 23198-051, 23198-053 ; NC9745133

Section 2 Hazard Identification

GHS Classification:	Not classified as a hazardous chemical according to GHS
According to Regulation (EC) No. 1272/2008:	Not classified as a hazardous chemical
According to Directive 67/548/EEC:	Not classified as a dangerous chemical
Label Elements:	The product does not need to be labeled in accordance with EC directives or respective national laws.
Other Hazards:	Non known

Section 3 Composition / Ingredients Information

Potassium Chloride (KCl) <0.004%	CAS: 7447-40-7, EC-No. 231-211-8
Deionized Water > 99.99%	CAS: 7732-18-5, EC-No. 231-791-2

Section 4 First Aid Measures

After Inhalation:	Remove to fresh air. Call physician if breathing becomes difficult.
After Skin Contact:	Wash or rinse off skin with soap and water.
After Eye Contact:	Flush eyes with water for 15 minutes. If pain persists, obtain medical attention.
After Swallowing:	Wash mouth out with plenty of water providing person is conscious. Obtain medical attention if feeling unwell.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media:	Use extinguishing measures appropriate to local circumstances and surrounding environment.
Special Hazards arising from the substance:	Non-combustible
Protective Equipment:	Do not stay in dangerous zone without suitable chemical protection and self contained breathing apparatus.
Further information:	The product itself does not burn.

Section 6 Accidental Release Measures

Personal Precautions, protective equipment and emergency procedures:	Use personal protective equipment, ensure adequate ventilation. Evacuate personnel to safe area.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so.
Methods and material for containment and cleaning up:	Soak up with inert absorbent material and dispose of properly. Clean up affected area.

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Section 7 Handling and Storage

Precautions for safe handling:	Avoid contact with skin and eyes.
Conditions for safe storage:	Keep container tightly closed and store at room temperature (15°C to 25°C). Avoid exposure to sunlight.

Section 8 Exposure Controls / Personal Protection

Eye / Face Protection:	Approved Safety glasses with side shields.
Skin Protection:	Gloves may be used to avoid skin contact.
Body Protection:	Normal room ventilation is adequate. Appropriate clothing and or Lab Coat may be worn.
Appropriate Engineering Controls:	Handle in accordance with good industrial hygiene.

Section 9 Physical and Chemical Properties

Appearance:	Colorless Liquid
Odor:	Odorless
pH Value:	Approximately 7 pH
Boiling Point (Degree C):	Approximately 100°C
Melting Point:	Not Applicable
Flash Point:	Not Applicable
Water Solubility:	Soluble
Explosion Limits:	Not Applicable
Specific Gravity:	1.0 g/cm ³
Other Information:	No further relevant information available

Section 10 Stability and Reactivity

Reactivity:	No data available
Chemical Stability:	Stable under standard ambient conditions
Possibility of Hazardous Reactions:	Not to be expected due to low concentration of dissolved substances.
Conditions to Avoid:	Heating
Incompatible Materials:	Strong Acids, strong oxidizing agents
Hazardous Decomposition products:	No data available

Section 11 Toxicological Information

Product Toxicity:	No data available
Inhalation:	May cause respiratory tract irritation.
Skin Contact:	May cause skin irritations.
Eye Contact:	May cause eye irritations.
Ingestion:	Harmful if swallowed.
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available

Section 12 Ecological Information

Toxicity:	No data available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available

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Section 12 Ecological Information

Results of PBT and vPvB assessment:	No data available
Other Adverse Effects:	No further relevant information available.
Additional Ecological Information:	No ecological problems are to be expected when the product is handled and used with due care.

Section 13 Disposal Consideration

Waste Disposal:	Liquid may be flushed into the sewer. Dispose of in accordance with local, state and federal regulations.
Recommended Cleaning Agent:	Water.

Section 14 Transport Information

Land, Sea, Air, Rail:	Not subject to transport regulations
Un-Number:	Not regulated
Environmental Hazards – Marine Pollutant:	No

Section 15 Regulatory Information

Complies with Requirements:	OSHA Regulation 29 CFR 1910.1200 European Regulations (EC) No. 1272/2008 Canadian Regulation SOR/88-66
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Section 16 Other Information

SDS Revision Date:	January 30, 2015
Prior Revision Date:	April 30, 2008

The above information is believed to be accurate but does not purport to be all inclusive and shall be used only as a guide. The information contained in this document is based on our knowledge and is applicable only to the product with regard to appropriate safety precautions. This does not represent any guarantee of the properties of the product. Company will not be held liable for any damage resulting from the use or contact with the above product.