

SAFETY DATA SHEET
58700 µS / cm @ 25°C

Section 1 Product Identification and Company Information

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| Product Name: | 58,700 micro Siemens /cm (µS/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.: | VWR #'s: 23198-037, 23198-039, 23198-041 |

Section 2 Hazard Identification

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| 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

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| Potassium Chloride (KCl) <4.0% | CAS: 7447-40-7, EC-No. 231-211-8 |
| Deionized Water > 96.0% | CAS: 7732-18-5, EC-No. 231-791-2 |

Section 4 First Aid Measures

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| 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

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| 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

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| 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

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| 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

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| 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

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| Appearance: | Colorless Liquid |
| Odor: | Odorless |
| pH Value: | Approximately 6.0 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

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| 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

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| 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

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

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Section 12 Ecological Information

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|-------------------------------------|---|
| 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

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| 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

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

Section 15 Regulatory Information

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| 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

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| SDS Revision Date: | June 01, 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.