

Material Safety data sheet

Conductivity Calibration Solution C10000

Version number 1.2 - 2014

1 – Identification of the substance	
Use of the substance / preparation	Solution for the calibration of conductivity instrumentation.
Chemical Characteristics	Aqueous Solution containing inorganic components.
Product Code	C10000
Supplier	Automated Water & Effluent LTD. AWE House, Antom Court, Tollgate Industrial Estate, Beaconsfield, Stafford, ST16 3AF Tel:- 01785 254 597 Fax:- 01785 257 724 Email:- sales@awe-ltd.co.uk

2 – Composition / Information on ingredients.	
Hazardous Components	This product contains no products listed as hazardous to health according to EC directive 1907/2006/EC, Article 31. Water - CAS 7732-18-5 < Remainder. Potassium Chloride – 7747-40-7 < 23.8%

3 – Hazards Identification.	
	<p>None</p> <p>NFPA Ratings (Scale 0 – 4): Health = 1 Flammability = 0 Reactivity = 0 Special = 0</p> <p>HMIS Ratings (Scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe) Health = 1 Flammability = 0 Reactivity=0 Prot. Equipment=A (Safety Glasses) (Nitrile Gloves or similar) WHMIS</p>

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4 – First Aid Measures

Inhalation	Provide fresh air, warmth and rest. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Obtain medical attention if any discomfort continues.
Skin Contact	Wash with soap and water for at least 15 minutes. Seek medical attention if required.
Eye Contact	Immediately flush eye(s) with plenty of water for a period of no less than 15 minutes.
Ingestion	If a large amount is ingested get medical attention.

5 – Fire Fighting Measures

Suitable Extinguishing Media	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Specific Hazards	The product is not flammable.

6 – Accidental Release Measures

Personal Precautions	Protective gloves
Environmental Precautions	Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.
Methods for cleaning up	Collect spilled material in an appropriate container for disposal.

7 – Handling & Storage

Handling	No special precautions required
Storage	Keep away from children. Store at room temperature in original container.

8 – Exposure Controls / Personal Protection

Exposure Limits	No occupational exposure limits.
Engineering methods to reduce exposure	General industrial hygiene practices.
Personal Protection equipment / Respiratory protection	No personal respiratory equipment normally required. Wear splash resistant safety goggles with a face shield. An eye wash station should be readily available. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant gloves should be worn at all times when handling chemicals.

9 – Physical and Chemical Properties

Form	Liquid
Colour	As specified.
Physical	pH: N/A. Boiling point / range ~ 100°C Relative Density ~ 1Kg / L Flash point ~ Does not ignite Water Solubility ~ Completely miscible. May decompose to produce whiteish crystals. These can readily absorbed in water.

10 – Stability and Reactivity

Stability	Stable.
Conditions to avoid	Acids, Halogens, Metals.
Hazardous decomposition products	Thermal decomposition will produce Chlorine.

11 – Toxicological Information

Acute Toxicity	No data is available on the product itself.
	Acute Toxicity: Not classified. Rat, Oral LD50: 2600 mg/kg
Local Effects	No Data is available on this product itself
Long term toxicity	Insufficient data available.
Further Information	The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

12 – Ecological Information

Persistence / degradability	The product contains no substances known to be hazardous to the environment or not degradable in a wastewater treatment plant.
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13 – Disposal Considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated Packaging	Clean container with water. Empty containers should be taken to local recyclers for disposal.

14 – Transport Information Considerations

Further information	Not classified as dangerous in the meaning of transport regulations.
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15 – Regulatory Information

Regulatory Information	Conductivity Standard C10000
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	<p>regulations/legislation specific for the substance or mixture</p> <p>*National regulations:</p> <p>*Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. *15.2 Chemical safety assessment:</p> <p>A Chemical Safety Assessment has not been carried out.</p>
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16 – Other Information

Recommended use	For industrial application only.
End Use	<p>This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</p> <p>The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.</p> <p>The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.</p>

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