

## Safety Data Sheet

### SECTION 1: Identification

|                             |                                               |  |                                                                                                                    |
|-----------------------------|-----------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>         | Conductivity/TDS Standard, 200 µS/cm          |  |                                                                                                                    |
| <b>Product Code</b>         | CC902000                                      |  |                                                                                                                    |
| <b>Recommended Uses</b>     | Calibration of Conductivity Meters.           |  |                                                                                                                    |
| <b>Uses Advised Against</b> | Not intended for drug, food or household use. |  |                                                                                                                    |
| <b>Address</b>              | 3825 Parrott Drive<br>Charlotte, NC 28214 USA |  | <b>24-Hour Emergency Telephone</b><br><br>CHEMTREC (USA) 800-424-9300<br>CHEMTREC (International) 1 + 730-527-3887 |
| <b>Email</b>                | orders@reagents.com                           |  |                                                                                                                    |
| <b>Fax</b>                  | 1-888-843-4384                                |  |                                                                                                                    |
| <b>Telephone</b>            | 1-800-732-8484                                |  |                                                                                                                    |
| <b>Website</b>              | www.reagents.com                              |  |                                                                                                                    |

### SECTION 2: Hazard(s) Identification

*This product is not categorized as hazardous in any GHS hazard class.*

**Hazards not otherwise classified or covered by GHS**

None identified.

**Hazard Statements**

This product is not categorized as hazardous in any GHS class.

### SECTION 3: Composition / Information on Ingredients

| Component Name     | Component Number CAS | Component Number EC | Component Weight % |
|--------------------|----------------------|---------------------|--------------------|
| Potassium chloride | 7447-40-7            | 231-211-8           | < 1                |
| Water              | 7732-18-5            | 231-791-2           | Remainder          |

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### SECTION 4: First-Aid Measures

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b>   | Show this SDS to attending physician if medical treatment is needed.                                                                                                 |
| <b>Skin Contact</b>     | Rinse affected areas with plenty of water. If skin irritation develops, seek medical attention.                                                                      |
| <b>Eye Contact</b>      | Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If irritation persists, seek medical attention. |
| <b>Inhalation</b>       | Remove person to fresh air and keep comfortable for breathing. If breathing is difficult or labored, seek medical attention.                                         |
| <b>Ingestion</b>        | Rinse mouth. Seek medical attention if feeling unwell.                                                                                                               |
| <b>Symptoms/effects</b> | The most important known symptoms/effects are described in Section 2 of this Safety Data Sheet.                                                                      |
| <b>Treatment</b>        | Treat symptomatically.                                                                                                                                               |

### SECTION 5: Fire-Fighting Measures

|                                 |                                                                                                                                                                                                                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extinguishing Media</b>      | Substance is not flammable, use agent most appropriate to extinguish surrounding fire (water, carbon dioxide, dry chemical, sand/earth, foam).                                                                    |
| <b>Specific Hazards</b>         | Thermal decomposition may produce toxic or irritating fumes.                                                                                                                                                      |
| <b>Actions for Firefighters</b> | As with any chemical involved in a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. |

### SECTION 6: Accidental Release Measures

|                                   |                                                                                                                                                                           |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions and Procedures</b> | Ensure adequate ventilation. Use personal protective equipment as required. Evacuate unprotected personnel to safe areas. Keep people away from and upwind of spill/leak. |
| <b>Environmental Precautions</b>  | As with any chemical, avoid release to the environment for the responsible stewardship of our planet.                                                                     |
| <b>Containment and Clean Up</b>   | Contain and absorb with inert absorbent material or vacuum up spillage; collect in suitable lidded container for disposal.                                                |

### Section 7: Handling and Storage

|                 |                                                                                                                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Follow good hygiene procedures when handling chemical materials. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use personal items when handling chemical substances. As a general practice, wear gloves and eye protection when handling chemical substances. |
| <b>Storage</b>  | Keep containers tightly closed in a cool, dry and well-ventilated place. Protect from freezing and physical damage. Store separately from incompatible materials.                                                                                                                       |

### Section 8: Exposure Controls / Personal Protection

|                               |                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls</b>   | As part of safe chemical handling, emergency eye wash fountains and safety showers should be available in handling areas.                                      |
| <b>Exposure Limits</b>        | Contains no substances with occupational exposure limit values.                                                                                                |
| <b>Eye Protection</b>         | As part of good industrial hygiene, wear safety glasses with side shields or safety goggles. Wear face shield if there is risk of splashes.                    |
| <b>Skin Protection</b>        | As a general practice, wear chemical resistant gloves when handling chemical substances.                                                                       |
| <b>Respiratory Protection</b> | In general, special respiratory protection is not required and normal ventilation is expected to be adequate for safe handling under normal conditions of use. |

### Section 9: Physical and Chemical Properties

|                                                |                    |
|------------------------------------------------|--------------------|
| <b>Physical State</b>                          | Liquid             |
| <b>Appearance/Color</b>                        | Colorless          |
| <b>Odor</b>                                    | Odorless           |
| <b>Odor Threshold</b>                          | Not applicable.    |
| <b>Melting/Freezing Point</b>                  | 0°C                |
| <b>Boiling Point/Range</b>                     | 100°C              |
| <b>Flammability</b>                            | Not flammable      |
| <b>Flammable/Explosive Limits</b>              | Not applicable     |
| <b>Flash Point</b>                             | Not applicable     |
| <b>Auto-Ignition Temperature</b>               | Not applicable     |
| <b>Decomposition Temperature</b>               | Data not available |
| <b>pH</b>                                      | Data not available |
| <b>Viscosity</b>                               | Data not available |
| <b>Solubility (in water)</b>                   | Miscible           |
| <b>Partition Coefficient (n-octanol/water)</b> | Data not available |
| <b>Relative Density</b>                        | .9999              |
| <b>Vapor Pressure</b>                          | Data not available |
| <b>Vapor Density</b>                           | Data not available |
| <b>Evaporation Rate</b>                        | Data not available |
| <b>Particle Characteristics</b>                | Not applicable.    |

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### Section 10: Stability and Reactivity

|                                |                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>              | Based on available data, no reaction hazards have been identified.                                                     |
| <b>Chemical Stability</b>      | Stable under normal conditions of handling and storage.                                                                |
| <b>Hazardous Reactions</b>     | Based on available data, no reaction hazards have been identified that would occur during normal handling and storage. |
| <b>Conditions to Avoid</b>     | Avoid contact with incompatible materials.                                                                             |
| <b>Incompatible Materials</b>  | None known.                                                                                                            |
| <b>Hazardous Decomposition</b> | Thermal decomposition may produce potassium oxide and chlorinated gases.                                               |

### Section 11: Toxicological Information

|                                    |                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity - Oral</b>       | ATE: > 260g/kg                                                                                                                     |
| <b>Acute Toxicity - Dermal</b>     | The toxicological data is limited or unavailable.                                                                                  |
| <b>Acute Toxicity - Inhalation</b> | The toxicological data is limited or unavailable.                                                                                  |
| <b>Skin Corrosion/Irritation</b>   | This material is not expected to cause skin irritation under normal conditions.                                                    |
| <b>Eye Damage/Irritation</b>       | This material is not expected to cause eye damage or irritation under normal usage conditions.                                     |
| <b>Respiratory Sensitization</b>   | Not expected to cause respiratory sensitization.                                                                                   |
| <b>Skin Sensitization</b>          | Not expected to cause skin sensitization.                                                                                          |
| <b>Germ Cell Mutagenicity</b>      | Based on available data, this substance does not meet the criteria set forth for classification as causing germ cell mutagenicity. |
| <b>Carcinogenicity</b>             | This material has not been identified as a carcinogen by IARC or NTP.                                                              |
| <b>Reproductive Toxicity</b>       | Based on available data, this substance does not meet the criteria set forth for classification as a reproductive toxin.           |
| <b>STOT Single Exposure</b>        | None known.                                                                                                                        |
| <b>STOT Repeated Exposure</b>      | None known.                                                                                                                        |
| <b>Aspiration Hazard</b>           | This substance is not considered to be an aspiration hazard.                                                                       |
| <b>Other Information</b>           | No additional information available.                                                                                               |

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### Section 12: Ecological Information

|                                     |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Toxicity Values</b>              | Does not meet the criteria of ecotoxin.                                                    |
| <b>Persistence/Biodegradability</b> | The methods for determining biological degradability do not apply to inorganic substances. |
| <b>Bioaccumulation Potential</b>    | Not expected to bioaccumulate.                                                             |
| <b>Mobility in Soil</b>             | Data is not available for this mixture of substances.                                      |
| <b>Other Adverse Effects</b>        | None known.                                                                                |

### Section 13: Disposal Considerations

Discharge, treatment, or disposal may be subject to national, state, regional or local laws. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Since emptied containers retain product residue, follow label warnings even after container is emptied. Dispose in accordance with national, state, regional and local regulations.

### Section 14: Transport Information

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| <b>Proper Shipping Name, Hazard Class</b> | NOT REGULATED.                        |
| <b>Marine Pollutant</b>                   | Not classified as a marine pollutant. |

### Section 15: Regulatory Information

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| <b>USA TSCA</b>                  | All components are on or in compliance with the inventory. |
| <b>USA SARA 302/304</b>          | No components are listed.                                  |
| <b>USA SARA 311/312</b>          | No components are listed.                                  |
| <b>USA SARA 313 (TRI)</b>        | No components are listed.                                  |
| <b>Canada DSL/NDSL</b>           | All components are on or in compliance with DSL.           |
| <b>California Proposition 65</b> | This product contains no substances on the list.           |

### Section 16: Other Information

|                 |        |                                                                            |
|-----------------|--------|----------------------------------------------------------------------------|
| <b>Acronyms</b> | ACGIH  | American Conference of Governmental Industrial Hygienists (USA)            |
|                 | ATE    | Acute Toxicity Estimate (calculated toxicity value)                        |
|                 | BCF    | Bioconcentration Factor                                                    |
|                 | CERCLA | Comprehensive Environmental Response, Compensation and Liability Act (USA) |
|                 | DOT    | Department of Transportation (USA)                                         |
|                 | DSL    | Domestic Substances List (Canada)                                          |
|                 | EHS    | Extremely Hazardous Substance                                              |
|                 | EPA    | Environmental Protection Agency (United States)                            |
|                 | GHS    | Globally Harmonized System                                                 |
|                 | IARC   | International Agency for Research on Cancer                                |
|                 | IDLH   | Immediately Dangerous to Life and Health                                   |
|                 | NTP    | National Toxicology Program (USA)                                          |
|                 | OSHA   | Occupational Safety and Health Administration (USA)                        |
|                 | PEL    | Permissible Exposure Limit                                                 |
|                 | PNOR   | Particulates Not Otherwise Classified                                      |
|                 | PPE    | Personal Protective Equipment                                              |
|                 | ppb    | Parts per billion                                                          |
|                 | ppm    | Parts per million                                                          |
|                 | RQ     | Reportable Quantity                                                        |
|                 | SARA   | Superfund Amendments and Reauthorization Act (USA)                         |
|                 | TLV    | Threshold Limit Value                                                      |
|                 | TPQ    | Threshold Planning Quantity                                                |
|                 | TRI    | Toxic Release Inventory (USA)                                              |
|                 | TSCA   | Toxic Substances Control Act (USA)                                         |
|                 | TWA    | Time Weighted Average                                                      |
|                 | UN     | United Nations                                                             |

#### Revision Date

Issue Date: 10/8/2021

*The information contained herein is believed to be accurate and represents the best data currently available to Reagents but does not purport to be all inclusive. This document is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Reagents makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Reagents will not be responsible for damages resulting from use of or reliance upon this information.*