

MSDS

POTASSIUM CHLORIDE CONDUCTIVITY STANDARDS, < 190,000 Micromhos/cm at 25°C

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

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| Catalog Number: 5885, 5885.02, 5885.05, 5885.1, 5885.13, 5886, 5886.24, 5886.25, 5886.5, 5886.80, 5886.84, 588684A, 5887, 5887.13, 5887.14, 5887.2, 5887.250, 5887.300, 5887.47, 5887.5, 5887.7, 5887.72, 5887.75, 5888, 5888.01, 5888.02, 5888.03, 5888.04, 5888.05, 5888.07, 5888.1, 5888.10, 5888.11, 5888.12, 5888.13, 5888.14, 5888.15, 5888.180, 5888.20, 5888.25, 5888.4, 5888.40, 5888.43, 5888.45, 5888.5, 5888.550, 5888.6, 5888.63, 5888.67, 5888130, 5888800, 5889, 5889.1, 5889.11, 5889.15, 5889.2, 5889.3, 5890, 5890000, 5893, 5894, 5895, 5896, C-306, C-800, C-801, C-802, C-803, C-804, C-805, C-806, C-807, C-808, C-809, C-810, C-811, C-812, C-813, C-814, C-816, C-817, C-818, C-819, C-820, C-821, C-822, C-823, C-825, C-826, C-827, C-828, C-829, C-830, C-831, C-835, C-836, C-837, C-839, C-840, C-847, C-850, C-855, C-856, C-857, C-860, C-862, C-863, C-864, C-868, C-870, C-880, C-890, C-891, C-900, C-901, C-920, C-925, CX-1094, CX-910, M0010058, M0010281, P-581, P-583, P069530, P069540, P069550, P069552, P069560, P069563, P069570, P069573, P069574, P069580, P069584, P069590, P069593, P069595, P069600, P069610, P069614, P069630, P069634, P069640, P069670, P069712, P069720, P069723, P069725, P069728, P069729, R5885043, R5885150, R5885250, R5887280, R5887389, R5888012, R5888029, R5888035, R5888141, R5888420, R5888530, R5888560, R5888800, R5889270, R5889300, SP069530, SP069540, SP069552, SP069560, SP069561, SP069563, SP069570, SP069574, SP069580, SP069584, SP069590, SP069592, SP069593, SP069595, SP069600, SP069610, SP069614, SP069630, SP069634, SP069640, SP069670, SP069712, SP069717, SP069723, SP069725, SP069728 | |
| Product Identity: POTASSIUM CHLORIDE CONDUCTIVITY STANDARDS, < 190,000 Micromhos/cm at 25°C | |
| Manufacturer's Name: RICCA CHEMICAL COMPANY LLC | Emergency Contact(24 hr) -- CHEMTREC® Domestic: 800-424-9300 International: 703-527-3887 |
| CAGE Code: 4TCW6, 0V553, 4XZQ2 | |
| Address: 448 West Fork Dr Arlington, TX 76012 | Telephone Number For Information: 817-461-5601 |
| Date Prepared: 6/16/98 | Revision: 65 Last Revised: 12/22/2009 Date Printed: 05/20/2010 6:25:56 pm |

Section 2. Composition/Information on Ingredients

| Component | CAS Registry # | Concentration | ACGIH TLV | OSHA PEL |
|--------------------|----------------|---------------|--------------------------------|--------------------------------|
| Potassium Chloride | 7447-40-7 | < 15% | Not Available Not Available | Not Available Not Available |
| Water, Deionized | 7732-18-5 | Balance | Not Available Not Available | Not Available Not Available |

Section 3: Hazard Identification

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Emergency Overview: Non-flammable, non-corrosive, non-toxic. Does not present any significant health hazards.

Target Organs: eyes, skin

Eye Contact: May cause slight irritation.

Inhalation: Not likely to be hazardous by inhalation.

Skin Contact: May cause irritation, redness, itching and pain, especially on damaged or broken skin.

Ingestion: Large doses may cause stomach upset.

Chronic Effects/Carcinogenicity: None

IARC - No.

NTP - No.

OSHA - No.

Reproductive Information: Not Applicable.

Teratology (Birth Defect) Information: Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Potassium Chloride. Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Potassium Chloride.

Section 4: First Aid Measures - In all cases, seek qualified evaluation.

Eye Contact: Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Skin Contact: Flush with plenty of water for at least 15 minutes. Call a physician if irritation develops.

Ingestion: Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

Method Used: Not Available.

LFL: Not Available.

UFL: Not Available.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6: Accidental Release Measures

Absorb with suitable material (paper towels, etc.) and treat as normal refuse if local regulations allow. Liquid may be flushed to the sewer. Always dispose of in accordance with local, state and federal regulations.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

Safety Storage Code: General

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety glasses or goggles.

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Section 9: Physical and Chemical Properties

Appearance: Clear, Colorless Liquid
Odor: Odorless
Solubility in Water: Infinite
Specific Gravity: Approximately 1.0 - 1.06

pH: Approximately 7
Boiling Point(°C): Approximately 100
Melting Point(°C): Approximately 0
Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.
Incompatibility: Bromine Trifluoride, Potassium Permanganate plus Sulfuric Acid.
Hazardous Decomposition Products: Oxides of Potassium
Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

LD50, Oral, Rat: (Potassium Chloride) 2600 mg/kg; Irritation: eye, rabbit (500mg/24 hr mild).

Section 12. Ecological Information

Ecotoxicological Information: No information found
Chemical Fate Information: No information found

Section 13. Disposal Considerations

Liquid may be flushed to the sewer. Always dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information

Part Numbers:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status:The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status:All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

Section 302 Extremely Hazardous Substances:Not Applicable.

Section 311/312 Hazardous Categories:No

Section 313 Toxic Chemicals:Not Applicable.

California: None Reported.

Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: Not Applicable.

Section 16. Other Information

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NFPA Ratings:

Health: 0 Flammability: 0 Reactivity: 0 Special Notice Key:None

HMIS Ratings:

Health: 0 Flammability: 0 Reactivity: 0 Protective Equipment:B (Protective Eyewear, Gloves)

Rev 1, 10-19-98:(Sec 1) Specified cat#; (Sec 16) Removed periods from NFPA & HMIS; Added ® to HMIS. Rev 2, 12-1-99: Reformatted from WordPerfect® to Microsoft Word®; (Sec 1) Added Cat# 5885.13, 5886.84, 5888.01, 5888.02, 5888.03, 5888.6, 5888.10, 5888.11, 5889, 5889.2, 5893, 5894; Removed Cat# 5888.2 & 5888.3 (Renamed as 5888.02 & 5888.03); Changed title to <17,350; (Sec 2) Revised percent to <10; (Sec 4) Removed note to physician; (Sec 7) Added safety storage code; (Sec 9) Added pH values; (Sec 16) Added ® to NFPA. Rev 3, 3-28-00:(Sec 1) Revised emergency telephone number to CHEMTREC® 800-424-9300, revised description to <112,000 micromhos/cm. Rev 4, 10-16-00:(Sec 1) Corrected identity to <112,000 Micromhos/cm, added Cat# 5887.75, 5888.4, 5888.20, 5888.40. Rev 5, 10-09-01: Reformatted to electronic data format. Rev 6 thru 13, 12-04-01 thru 6-18-02: (Sec 1) added Cat# 5889.3, 5887.14, 5888.13, 5888.67, 5889.1, 5887.47, 5888.5, 5885.1, 5887.5, 5888.05, 5888.43, 5888.14, 5888.12, 5888.04, 5888.63. Rev 14, 7-19-02:(Sec 13) revised disposal considerations. Rev 15, 8-01-02:(Sec 1) added Cat# 5888.07. Rev 16 thru 18, 8-13-02 thru 9-03-02:(Sec 1) added Cat# 5889.11, 5887.13, 5886.24. Rev 19 & 20, 10-17-02 thru 10-22-02:(Sec 1) added Cat# 5886.25 & Solutions Plus Cat# P069630, P069584, P069590, P069723. Rev 21, 2-6-03:(Sec 1) added Cat# 5888.25 & Solutions Plus Cat# P069530, P069540, P069550, P069552, P069560, P069563, P069570, P069574, P069580, P069593, P069595, P069600, P069610, P069614, P069634, P069670, P069712, P069720, P069725, P069728, P069729. Rev 22, 2-28-03:(Sec 1) added Solutions Plus Cat# P069573. Rev 23, 9-15-03:(Sec 1) added Solutions Plus Cat# P069640. Rev 24, 11-06-03:(Sec 1) added Cat# 5888.15. Rev 25 thru 28, 11-21-03 thru 5-3-04: added Cat# 5889.15, 588684A, 5888130, 5888800, 5890000, 5885.02, R5888420, 5886.80, R5888141. Rev 32, 2-24-05: added internal part # M00I0058. Rev 33, 5-9-05: (Sec 1) added cat# 5887.7 & R5888035. Rev 34, 9-15-05:(Sec 1) added cat# SP069561. Rev 35, 10-11-05:(Sec 1) added cat# R5888012. Rev 36, 10-19-05: (Sec 1) added Red Bird cat# C-801, C-802 & C-806. Rev 37, 10-21-05:(Sec 1) added cat# 5888.550, 5887.300, 5887.250, 5888.180. Rev 38, 11-18-05:(Sec 1) added cat# R5888560. Rev 39, 12-20-05:(Sec 1) added Red Bird cat# C-803, C-804, C-810, C-816, C-855, C-880, P-583. Rev 40, 12-21-05:(Sec 1) added cat# 5886.5 & Red Bird cat# C-807, C-826, C-862, C-901. Rev 41, 1-18-06:(Sec 1) added Red Bird cat# C-808, C-809, C-822, C-828, C-835, C-839, C-847. Rev 42, 1-24-06:(Sec 1) added cat# 5885.05 & R5888029. Rev 43, 2-1-06:(Sec 1) added cat# R5888530 & Red Bird cat# C-823. Rev 44, 2-14-06:(Sec 1) added Red Bird cat# C-811. Rev 45, 3-7-06:(Sec 1) added Red Bird cat# C-812, C-827, C-836, C-857. Rev 46, 3-30-06:(Sec 1) added cat# 5887.72 & Red Bird cat# C-829. Rev 47, 4-10-06:(Sec 1) added Red Bird cat# C-813, C-856, P-581. Rev 48, 6-22-06:(Sec 1) added Red Bird cat# C-814. Rev 49, 8-25-06:(Sec 1) revised title from <112,000 Micromhos, added Red Bird cat# C-891 & C-900; (Sec 2) revised concentration of KCl from <10%. Rev 50, 10-3-06:(Sec 1) added Cat# R5885043 & R5887389. Rev 51, 11-1-06:(Sec 1) added Cat# R5887280 & R5889270. Rev 52, 3-19-07:(Sec 1) added Red Bird cat# C-821. Rev 53, 4-3-07:(Sec 1) added Red Bird cat# C-817. Rev 54, 6-7-07:(Sec 1) added Red Bird Cat# C-818. Rev 55, 6-14-07:(Sec 1) added Spectropure Cat# SP069717 & SP069592. Rev 56, 8-7-07:(Sec 1) added Red Bird Cat# C-831. Rev 57, 8-13-07:(Sec 1) added Red Bird cat# C-920. Rev 58, 11-9-07:(Sec 1) added Red Bird cat# C-868. Rev 59, 11-20-07:(Sec 1) added Red Bird cat# C-925. Rev 60, 12-17-07:(Sec 1) added Red Bird cat# C-870. Rev 61, 7-14-08:(Sec 1) added Red Bird cat# C-819. Rev 62, 8-20-08:(Sec 1) added Red Bird cat# CX-1094. Rev 63, 12-12-08:(Sec 1) added Red Bird cat# C-864. Rev 64, 12-17-08:(Sec 1) added Red Bird cat# C-837. Rev 65, 12-22-09:(Sec 1) added cat# R5885150, R5885250.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.