

MSDS

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

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

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-820, C-821, C-822, C-823, C-825, C-826, C-827, C-828, C-829, C-830, C-835, C-836, C-839, C-840, C-847, C-850, C-855, C-856, C-857, C-860, C-862, C-863, C-880, C-890, C-891, C-900, C-901, 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, PX-913, R5885043, 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: 0V553

Address:

448 West Fork Dr
 Arlington, TX 76012

Telephone Number For Information:

817-461-5601

Date Prepared:

6/16/98

Revision: 55

Last Revised: 06/15/2007
 Date Printed: 06/15/2007 4:18:47 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

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

Target Organs: eyes, skin

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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.

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.

LFL: 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.

Method Used: Not Available.

UFL: Not Available.

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.

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.

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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.

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Section 16. Other Information

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 nos; (Sec 16) Removed periods from NFPA and HMIS; Added ® to HMIS. Rev 2, 12-1-99: Reformatted from WordPerfect® to Microsoft Word®; (Sec 1) Added Cat Nos 5885.13, 5886.84, 5888.01, 5888.02, 5888.03, 5888.6, 5888.10, 5888.11, 5889, 5889.2, 5893, 5894; Removed Cat No 5888.2 and 5888.3 (Renamed as 5888.02 and 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 Nos 5887.75, 5888.4, 5888.20, and 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 Nos 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 No 5888.07. Rev 16 thru 18, 8-13-02 thru 9-03-02: (Sec 1) added Cat Nos 5889.11, 5887.13 and 5886.24. Rev 19 and 20, 10-17-02 thru 10-22-02: (Sec 1) added Cat No 5886.25 and Solutions Plus Cat Nos P069630, P069584, P069590 and P069723. Rev 21, 2-6-03: (Sec 1) added Cat No 5888.25 and Solutions Plus Cat Nos 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 No P069573. Rev 23, 9-15-03: (Sec 1) added Solutions Plus Cat No P069640. Rev 24, 11-06-03: (Section 1) added Cat No 5888.15. Rev 25 thru 28, 11-21-03 thru 5-3-04: added Cat Nos 5889.15, 588684A, 5888130, 5888800, 5890000, 5885.02, R5888420, 5886.80 and R5888141. Rev 32, 2-24-05: added internal part number M00I0058. Rev 33, 5-9-05: (Sec 1) added cat nos 5887.7 and R5888035. Rev 34, 9-15-05: (Sec 1) added cat no SP069561. Rev 35, 10-11-05: (Sec 1) added cat no R5888012. Rev 36, 10-19-05: (Sec 1) added Red Bird catalog numbers C-801, C-802 and C-806. Rev 37, 10-21-05: (Sec 1) added cat nos 5888.550, 5887.300, 5887.250, and 5888.180. Rev 38, 11-18-05: (Sec 1) added cat no R5888560. Rev 39, 12-20-05: (Sec 1) added Red Bird cat nos C-803, C-804, C-810, C-816, C-855, C-880 and P-583. Rev 40, 12-21-05: (Sec 1) added cat no 5886.5 and Red Bird cat nos C-807, C-826, C-862, and C-901. Rev 41, 1-18-06: (Sec 1) added Red Bird cat nos C-808, C-809, C-822, C-828, C-835, C-839 and C-847. Rev 42, 1-24-06: (Sec 1) added cat nos 5885.05 and R5888029. Rev 43, 2-1-06: (Sec 1) added cat no R5888530 and Red Bird cat no C-823. Rev 44, 2-14-06: (Sec 1) added Red Bird cat no C-811. Rev 45, 3-7-06: (Sec 1) added Red Bird cat nos. C-812, C-827, C-836 and C-857. Rev 46, 3-30-06: (Sec 1) added cat no 5887.72 and Red Bird cat no C-829; Rev 47, 4-10-06: (Sec 1) added Red Bird cat nos C-813, C-856 and P-581. Rev 48, 6-22-06: (Sec 1) added Red Bird cat no C-814. Rev 49, 8-25-06: (Sec 1) revised title from < 112,000 Micromhos, added Red Bird cat nos C-891 and C-900; (Section 2) revised concentration of Potassium Chloride from < 10%. Rev 50, 10-3-06: (Sec 1) added Cat. Nos. R5885043 and R5887389. Rev 51, 11-1-06: (Sec 1) added Cat. Nos. R5887280 and R5889270. Rev 52, 3-19-07: (Sec 1) added Red Bird cat no C-821. Rev 53, 4-3-07: (Sec 1) added Red Bird cat no C-817. Rev 54, 6-7-07: (Sec 1) added Red Bird Cat No C-818. Rev 55, 6-14-07: (Sec 1) added Spectropure Cat. Nos. SP069717 and SP069592.

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.