



SAFETY DATA SHEET

Section 1 – Identification

MSDS Name: Potassium Chloride Solution Saturated with AgCl
Company Identification: M. C. Miller Co., Inc.
 11640 US Hwy 1
 Sebastian, Florida 32958

Synonyms: None
 Telephone: 1- 772-794-9448
 Fax: 1- 772-589-9072
 E-mail: sales@mcmiller.com

Emergency Numbers: M. C. Miller Co., Inc. 1-772-794-9448

Section 2 – Hazard(s) Identification

- **Exposure Limit:**
 - **Potassium Chloride:** Oral-Guinea Pig
 - **LD50:** 2500 mg/kg
- **Route Of Entry:**
 - **Inhalation:** N/A
 - **Skin:** N/A
 - **Ingestion:** Yes
- **Carcinogenicity:**
 - **NTP:** N/A IARC
 - **Monogr:** N/A
 - **OSHA Reg.:** No
- **Health Hazards:** None Known
- **Effects Of Overexposure:** (See below)
- **Emergency & First Aid Procedures:**
 - **Oral:** Large doses cause GI irritation, purging, weakness and circulatory problems. Contact a physician.

Section 3 – Composition/Information on Ingredients

CAS#	Chemical Name	%	EINECS#
7447-40-7	Potassium Chloride	28.3	231-791-2
7783-90-60	Silver Chloride (AgCl)	>.001	233-140-8
7732-18-5	Water	Balance	233-139-2

According to OSHA, this product should not be considered a hazardous material.
 OSHA PEL/ACGIH TLV: NA

Section 4 – First-Aid Measures

- **General information:** If symptoms are observed, seek medical advice.
- **Inhalation:** Move to fresh air. If breathing is affected seek medical assistance.
- **Skin contact:** Wash with soap and water. If skin irritation occurs seek medical attention.
- **Eye contact:** Rinse immediately with water. If irritation continues, seek medical assistance.
- **Ingestion:** Rinse mouth thoroughly with water. If symptoms develop seek medical assistance.

Section 5 – Fire-Fighting Measures

- **Flash Point:** N/A
- **Unusual Fire & Explosion Hazards:** None
- **Extinguishing Media:** Any
- **Flammable Limits:**
 - LEL: N/A
 - UEL: N/A
- **Special Fire Fighting Procedures:** N/A
- **Identity:** Potassium Chloride Solution Saturated with Silver Chloride

Section 7 - Handling and Storage

- **Spill Response:** Pick up and wash down drain with excess of water.
- **Waste Disposal:** Not regulated.
- **Precautions To Be Taken In Handling & Storage:** Store in cool, dry place.
- **Other Precautions:** N/A

Section 8 – Exposure Controls / Personal Protection

- **Respiratory Protection:** N/A
- **Protective Gloves:** Optional
- **Other Protective Equipment:** None Required
- **Ventilation:** None
- **Eye Protection:** Safety Glasses
- **Work/Hygienic Practices:** Wash hands thoroughly before eating, drinking or smoking.
- **Key:** N/A = Not Applicable Or Not Available
- **N/D** = Not Determined

Section 9 – Physical and Chemical Properties

- **Boiling Point:** N/A
- **Vapor Density (Water):** N/A
- **Melting Point:** N/A
- **Appearance/Odor:** Clear, odorless liquid
- **Water Solubility:** 100% by weight
- **Specific Gravity (H₂O=1):** 1.15
- **Evaporation Rate:** N/A
- **Vapor Pressure: (mm Hg):** N/A
- **Reactivity In Water:** N/A

Section 10 – Stability and Reactivity

- **Stability:** Stable
- **Conditions To Avoid:** None Known
- **Hazardous Polymerization:** Will Not Occur
- **Conditions To Avoid:** None Known
- **Incompatibility:** BrF₃
- **Hazardous Decomposition Or Byproducts:** N/A

Section 11 – Toxicological Information

- Toxicological effects: Not determined
- Irritant and corrosive effects: may cause irritation to skin, eyes, or mucous membranes.

Section 12 – Ecological Information

- Eco-toxicity: Not determined

Section 13 – Disposal Considerations

- Dispose of according to appropriate Federal, State or Local Regulations.

Section 14 – Transport Information

- Land transportation: Not a dangerous good.
- Air transport: Not a dangerous good.
- DOT Classification: Not a DOT controlled material (United States).

Section 15 – Regulatory Information

- This product is not classified as a dangerous substance.

Section 16 – Additional Information

MSDS Creation Date: March 18, 2002

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