


Section 1: Identification

Common Name/Trade Name	POTASSIUM CHLORIDE	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Caustic Potash, Potassium Hydrate	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified.
Signal Word	Danger
Hazard Statement(s)	N/A
Pictogram(s)	
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Potassium Chloride
Common Name	Potassium Chloride
CAS Number	1310-58-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.
If Inhaled	Move to fresh air. Call a physician or poison control center immediately. Apply artificial respiration if victim is not breathing. If breathing is difficult, give oxygen.
In Case of Skin Contact	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician or poison control center immediately. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
In Case of Eye Contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately. In case of irritation from airborne exposure, move to fresh air. Get medical attention immediately.
If Swallowed	Call a physician or poison control center immediately. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most Important Symptoms and Effects	Causes severe skin and eye burns. Causes digestive tract burns. Treat symptomatically. Symptoms may be delayed.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide. Unsuitable extinguishing media: None known.
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Special Hazards Arising From the Substance/Mixture	No unusual fire or explosion hazards known. Fire may produce irritating, corrosive and/or toxic gases.
Special PPE and/or Precautions for Firefighters	Special firefighting procedures: Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Keep unauthorized personnel away. Ventilate closed spaces before entering them. Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Methods and Materials Used for Containment	Sweep up and place in a clearly labeled container for chemical waste. Clean surface thoroughly to remove residual contamination. Neutralize spill area and washings with dilute acetic acid. Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Inform authorities if large amounts are involved. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
Cleanup Procedures	Sweep up and place in a clearly labeled container for chemical waste. Clean surface thoroughly to remove residual contamination. Neutralize spill area and washings with dilute acetic acid. Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Inform authorities if large amounts are involved. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid inhalation of dust and vapors. Do not get in eyes, on skin, on clothing. Do not taste or swallow. Wash hands thoroughly after handling. Do not eat, drink or smoke when using the product.
Conditions for Safe Storage	Do not store in metal containers. Keep containers tightly closed. Store in cool, dry place. Store in a well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available
Appropriate Engineering Controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An eye wash and safety shower must be available in the immediate work area.
PPE - Eye/Face Protection	Wear safety glasses with side shields (or goggles) and a face shield.
PPE - Skin Protection	Chemical resistant gloves
PPE - Body Protection	Wear appropriate clothing to prevent reasonably probable skin contact.
PPE - Respiratory Protection	In case of inadequate ventilation use suitable respirator. High-efficiency particulate respirator with full facepiece.

Section 9: Physical and Chemical Properties

Appearance	Physical form: Solid. Color: White
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	0.1 kPa (714°C)
Odor Threshold	No data available
Vapor Density	No data available
pH	13.5 (5.61 g/l, 20°C)
Relative Density	2.04g (20°C)
Melting Point/Freezing Point	680°F (360°C)
Solubility	Water solubility: Soluble
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	Data lacking
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Reacts violently with strong acids.
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur. The substance is hygroscopic and will absorb water by contact with the moisture in the air.
Conditions to Avoid	Avoid contact with oxidizing agents. Reacts violently with strong acids. Heat. Moisture.
Incompatible Materials	Moisture. Oxidizing agents. Acids. Maleic Anhydride Halogens. Nitromethane. Contact with metals may evolve flammable hydrogen gas.
Hazardous Decomposition Products	Oxides of potassium.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	ATEmix (Rat): 301.62 mg/kg
Acute Toxicity - Inhalation	No data available.
Acute Toxicity - Dermal	ATEmix (Rabbit) 10,571.43 mg/kg
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Causes severe skin burns.
Serious Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitization	Not a skin nor a respiratory sensitizer.
Germ Cell Mutagenicity	No mutagenic components identified
Carcinogenicity IARC	No carcinogenic components identified
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No carcinogenic components identified
Carcinogenicity OSHA	No carcinogenic components identified
Reproductive Toxicity	No components toxic to reproduction
Specific Target Organ Toxicity - Single Exposure	Respiratory tract irritation.
Specific Target Organ Toxicity - Repeated Exposure	None known
Aspiration Hazard	Not classified

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	Expected to be readily biodegradable.
Bio-accumulative Potential	Expected to be readily biodegradable.
Mobility in Soil	The product is water soluble and may spread in water systems.
Other Adverse Effects	Harmful to aquatic organisms. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Discharge, treatment, or disposal may be subject to national, state, or local laws.
Waste Treatment Methods Packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

US Federal Regulations TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)None present or none present in regulated quantities.US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Corrosive to metal Skin Corrosion or Irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure) SARA 302 Extremely Hazardous Substance None present or none present in regulated quantities. SARA 304 Emergency Release Notification None present or none present in regulated quantities. SARA 311/312 Hazardous Chemical Chemical Identity Potassium hydroxide Threshold Planning Quantity 10000 lbs. US State Regulations US. California Proposition 65 No ingredient requiring a warning under CA Prop 65. US. New Jersey Worker and Community Right-to-Know Act Chemical Identity Potassium hydroxide US. Massachusetts RTK - Substance List Chemical Identity Potassium hydroxide US. Pennsylvania RTK - Hazardous Substances Chemical Identity Potassium hydroxide US. Rhode Island RTK Chemical Identity Potassium hydroxide international regulations Montreal protocol- Not applicable Stockholm convention- Not applicable Rotterdam convention-Not applicable Kyoto protocol-Not applicable

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
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