


Section I – Product and Company Identification

<p>Product Name: POTASSIUM CHLORIDE; KCI-377, KCI-75, KCI-1268, KCI-1510, KCI-1675</p> <p>Synonyms: N/A</p> <p>Chemicals present: See components below</p> <p>Recommended use: Professional use</p>	<p>Company Identification:</p> <p style="text-align: right;">Chief Medical Supplies Ltd. 411 – 19 Street, S. E. Calgary, AB., Canada. T2E 6J7 1.866.620.6034</p> <p>For information, call: 1-403-207-6034</p> <p>Emergency Number: 1-613-996-6666</p>
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Section II – Hazards Identification

<p>Hazard classification: Not a hazardous substance</p> <p>Signal word: Irritation</p> <p>Hazard statement: H315 – Causes skin irritation. H319 – Causes serious eye irritation.</p> <p>Precautionary statement(s): P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray P264 – Wash hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P302 + 352 – IF ON SKIN: Wash with plenty of water P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Other hazards which do not result in classification: No additional information available.</p> <p>Label elements: Safety data sheet available on request</p>	<p>Symbol:</p> 
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Section III – Composition/Information on Ingredients

Ingredient Name	Chemical Formula	CAS No.	% by weight
Potassium Chloride	KCl	7447-40-7	100

Section IV – First Aid Measures

First-aid measures:

Skin contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Inhalation: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Rinse mouth. Seek immediate medical attention.

Symptoms and effects:

Inhalation: May cause respiratory tract irritation.

Skin contact: May cause skin irritation.

Eye contact: May cause mild eye irritation.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

Immediate medical attention and special treatment:

Symptoms may not appear immediately. In case of accident or feeling of illness, seek medical advice immediately (show the label or SDS where possible).

Section V – Fire Fighting Measures

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific hazards arising from the hazardous product:

Not known.

Hazardous combustion products:

Not known.

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Section VI – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

General measures: Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Keep product out of drains, sewers, ditches, and waterways.

Methods and materials for containment and cleaning up:

Containment: Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flames.

Spills: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately. Avoid creating airborne particles. Provide ventilation.

Section VII – Handling and Storage

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety procedures. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage (including incompatible materials): No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

Section VIII – Exposure Controls/Personal Protection

Control parameters:

Potassium Chloride		
ACGIH (TLV)	NIOSH (REL)	OSHA (PEL)
N/A	N/A	N/A

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures (Personal Protection Equipment):

Eyewear: Protective goggles

Gloves: Protective gloves

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section IX – Physical and Chemical Properties

Physical state:	Solid
Appearance:	White granular
Odour:	None
Odour threshold:	Odorless
pH:	7 (approximately)
Melting point/Freezing point:	773 °C (1423.4 °F)
Initial boiling point/boiling range:	1500 °C (2732 °F)
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid; gas):	No data available
Lower flammable/explosive limit:	No data available
Upper flammable/explosive limit:	No data available
Vapour pressure:	14.00 mmHg (20 °C) (Method: Supplier)
Vapour density:	0.7 (Method: Supplier)
Relative density:	1.987 Water=1
Solubility:	34 g/100 cc water at 20°C (68°F)
Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section X – Stability and Reactivity

Reactivity: Nonreactive in normal condition.

Chemical stability: Stable in normal condition.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Avoid high temperatures. Avoid incompatible materials.

Incompatible materials: Strong acid, bases, and oxidizers.

Hazardous decomposition products: Potassium oxide. Will react with strong acids to generate hydrogen chloride and with strong oxidizing agents to generate chlorine gas.

Hazardous polymerization: No data available.

Section XI – Toxicological Information

Route of exposure:

Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Symptoms related to the physical, chemical and toxicological characteristics:

Skin: Not expected to cause skin irritation.

Eyes: May causes irritation to the eyes.

Inhalation: Formation of mists may by slightly irritating to the nose and throat.

Ingestion: Not toxic by ingestion. May cause gastrointestinal discomfort.

Effects of chronic exposure:

None expected under normal conditions of use.

ACUTE ANIMAL TOXICITY DATA:

Chemical Substance	Oral LD50 (mg/kg)
Potassium Chloride	2600mg/kg [Rat]

Carcinogenicity: CAS# 7447-40-7: Not listed by ACGIH, IARC, NTP, or CA

Reproductive toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Toxicologically synergistic products: Not available

Section XII – Ecological Information

Ecotoxicity: No additional information available.

Persistence and degradability: No additional information available.

Bioaccumulative potential: No additional information available.

Mobility in soil: No additional information available.

Other adverse effects: No additional information available.

Section XIII – Disposal Considerations

Waste disposal: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Section XIV – Transport Information

UN number: No data available

UN proper shipping name: No data available

Transport hazard class(es): No data available

Packing group: No data available

Environmental hazards: No data available

Special shipping information: No data available

Section XV – Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Potassium chloride

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36- Irritating to eyes. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39- Wear eye/face protection.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

Section XVI – Other Information

SDS creation date: Jun 15, 2011

Last revision date: 2019-07-17

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Chief Medical Supplies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Chief Medical Supplies has been advised of the possibility of such damages.

***This product has been classified in accordance with the hazard criteria of the CPR
and the SDS contains all of the information required by the CPR***