



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Potassium Chloride USP Granular

30-1090

Section 1: Identification

Product Name Potassium Chloride USP Granular
Commercial Name Potassium Chloride
Product Use Pharmaceutical and Food Ingredient
Restrictions On Use Not available.

Product Code 30-1090

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substances
Components Potassium Chloride
% By Weight 100
CAS# 7447-40-7
Molecular Weight 74.55 g/mole
Chemical Formula KCl
Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Potassium Chloride	7447-40-7	100	Not available.	ORAL (LD50):Acute: 2500mg/kg [Guineapig]. 2600mg/kg [Rat].1500 mg/kg[Mouse].

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Section 4: First-Aid Measures

Inhalation	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin Contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
Ingestion	If large quantities are swallowed, call a physician immediately.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.

Immediate Medical Attention

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Material is non-combustible. In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Personal Precautions ? Wear suitable protective clothing, gloves, and eye/face protection. Emergency Procedures ? Stop leak if you can do it without risk. Keep unauthorized personnel away. Use normal clean up procedures. Environmental precautions: None expected to be necessary if material is used under ordinary conditions and as recommended. Methods and material for containment and cleaning up Containment/Clean-up Measures: Carefully shovel or sweep up spilled material and place in suitable container.

Section 7: Handling and Storage

Handling: Use good safety and industrial hygiene practices. Wash thoroughly after handling. Keep out of reach of children. Storage Avoid storage with strong acids and strong oxidizing agents. Incompatible Materials or Ignition Sources: Strong oxidizing agents, strong acids.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
Personal Protection	Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment. Eye/Face: Wear safety glasses. Skin/Body: Wear appropriate gloves. General Industrial Hygiene Considerations: Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice. Environmental Exposure Controls : Follow best practice for site management and disposal of waste.

Section 9: Physical and Chemical Properties

Appearance	White crystalline solid		
Odor	Odorless.		
Odor Threshold	Not available.		
Melting Point	773°C (1423°F)	pH	7 (Approximately)
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	1500°C/2732°F	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not applicable.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	34 g/100 cc water at 20°C (68°F)		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use
Chemical Stability	stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Strong oxidizing agents, strong acids
Hazardous Decomposition Products	Will react with strong acids to generate hydrogen chloride and with strong oxidizing agents to generate chlorine gas.

Section 11: Toxicological Information

RTECS TS8050000

Acute ToxicityTest Type Dosage Route Species Duration Results Test Class Target Organs Comments Acute Toxicity = 2600 mg/kg
Ingestion/Oral Rat NDA LD50 NDA NDA NDA Irritation = 500 mg Eye Rabbit 24 Hour(s) NDA Mild irritation NDA NDA**Skin Corrosion/Irritation**

Not available

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Under normal conditions of use, no health effects are expected. Inhalation of dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness and sore throat.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Ingestion. Eye

Safety Data Sheet

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Ingestion may cause the following symptoms - diarrhea.

Target Organ(s) Not available.**Section 12: Ecological Information****Ecotoxicity**

Not available

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose of content and/or container in accordance with local, regional, national, and/or

Disposal of Container

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: NONE

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE

Other

WHMIS CLASS D-2B: Material causing other toxic (Canada) effects (TOXIC); DSCL (EEC) R36/38- Irritating to eyes and skin.; Gloves.; Lab coat.; Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.; Splash goggles.

Section 16: Other Information

Not available.