		SA07832, SB07868, SB07869
SDS No.: 10034	SAFETY DATA SHEET	GENERAL STORAGE CODE GREEN
Section 1 Identification		Page E1 of E2
🎎 Nasco.	Nasco 901 Janesville Ave. Fort Atkinson, WI 53538-0901 Phone: 920-563-2446	CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.
Product POTASSIUM CHLORID	E	
Synonyms Muriate of Potash / Pot	tassium Muriate / Potassium Monochloride	
Section 2 Hazards iden	tification	
Signal word: WARNING Pictograms: No symbol required Target organs: None known		Precautionary statement: P312: Call a POISON CENTER or doctor if you feel unwell.
GHS Classification: Acute toxicity, oral (Category 5)		
GHS Label information: Hazard state H303: May be harmful if swallowed.	ement:	

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

Chemical Name	CAS #	%	EINECS	
chemical Name	CAS #	70	EINECS	
Potassium chloride	7447-40-7	95.0 - 99.5%	231-211-8	
Sodium chloride	7647-14-5	0.3 - 3.7%	231-598-3	
Calcium and Magnesium chlorides and sulfates	Various	0.2 - 1.3%	Various	

Section 4 First aid measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical, dry sand, alcohol foam.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and storage

Page E2 of E2

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal prot	ection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Linits.	Particles not otherwise classified	Not established	TWA: 15 mg/m ³ total dust	Not established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

approved respirator.							
Section 9	Physical and chemical pro	perties					
Odor: No odor. Odor threshold: Da pH: 5.4-10.0 (5% so Melting / Freezing po	olution) oint: 772-776°C (1423-1428°F))°C (2732°F) Sublimes	Flammability (s Explosion limit Vapor pressure Vapor density Relative densit	te (=1): Data not a solid/gas): Data not a ts: Lower / Upper: N e (mm Hg): Approxim (Air = 1): 2.57 ty (Specific gravity): : 34.2 g/100 ml water	available. lot applicable lately zero 1.986-1.990	Auto-ignitie Decompos Viscosity: Molecular		: Data not available re : Data not available
Section 10	Stability and reactivity						
Incompatible mater chloride gas. May re Steel, building mater	Stable d: Excessive temperatures and h rials: Avoid contact with hot Nitri eact violently with Bromine trifluor rials (such as cement), Bromine c position products: None known	eat. Hygroscopi c acid, may caus ide and may exp r Trifluoride. Po	se evolution of toxic Ni blode if mixed with Pot tentially explosive rea	trosyl chloride. Con assium permangana	te and Sulfurio	acid. Can react	t with most metals, such as Iro
Section 11	Toxicological information						
Respiratory or skin Germ cell mutagen Carcinogenity: Da NTP: No componen IARC: No componer OSHA: No componer Ca Prop 65: This pro Reproductive toxic	ge/irritation: Eyes-rabbit - 500 m n sensitization: Data not availab nicity: Data not available ta not available t of this product present at levels nt of this product present at levels ent of this product present at level oduct does not contain any chemi city: Data not available	le greater than or e greater than or s greater than or	equal to 0.1% is identii equal to 0.1% is ident r equal to 0.1% is ider	fied as probable, po tified as a carcinoge	ssible or confir n or potential c	med human card carcinogen by OS	0 1
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IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.

Form 06/2015