


Section 1: Identification

Common Name/Trade Name	POTASSIUM SORBATE	
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)
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin corrosion/irritation Category 2, Serious eye damage/eye irritation Category 2	
Signal Word	Warning	
Hazard Statement(s)	H315 H319	Causes skin irritation Causes serious eye irritation
Pictogram(s)		
Precautionary Statement(s)	P264 P280 P302+P352 P305+P351+P338 P337+P313	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. If eye irritation persists Get medical advice/attention.
Hazards Not Otherwise Classified	No information available	
Ingredient(s) with Unknown Toxicity	Approximately 1% of the mixture consists of ingredient(s) of unknown toxicity	

Section 3: Composition/Information on Ingredients

Chemical Name	Potassium sorbate
Common Name	Potassium Sorbate
CAS Number	24634-61-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove contaminated clothing and shoes. If symptoms persist, call a physician. Indication of any immediate medical attention and special treatment needed Treat symptomatically
If Inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
In Case of Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
In Case of Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
If Swallowed	Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.
Most Important Symptoms and Effects	Causes skin irritation. Causes serious eye irritation

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media Water (spray - not splash) Dry extinguishing powder Alcohol resistant foam Carbon dioxide. Unsuitable extinguishing media Do not use water jet.
Special Hazards Arising From the Substance/Mixture	Thermal decomposition can lead to release of irritating and toxic gases and vapors
Special PPE and/or Precautions for Firefighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Evacuate personnel to safe areas Ensure adequate ventilation, especially in confined areas ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Avoid contact with skin, eyes or clothing Contaminated work clothing should not be allowed out of the workplace Avoid generation of dust Do not breathe dust Use personal protection recommended in Section 8 Wash thoroughly after handling
Methods and Materials Used for Containment	Avoid release to the environment
Cleanup Procedures	Use protective equipment while cleaning if necessary. Avoid dust formation. Dust formation that cannot be avoided must be collected regularly. Use a tested industrial vacuum cleaner or suction device. Do not raise dust while cleaning. Use of a blower for cleaning is not permitted. Use protective equipment while cleaning if necessary. Avoid dust formation. Dust formation that cannot be avoided must be collected regularly. Use a tested industrial vacuum cleaner or suction device. Do not raise dust while cleaning. Use of a blower for cleaning is not permitted.

Section 7: Handling and Storage

Precautions for Safe Handling	Take care to maintain clean working place. Do not leave container open. Sufficient ventilation must be guaranteed for refilling, transfer, or open use. Avoid spillage. Fill only into labelled container. Avoid rising dust.
Conditions for Safe Storage	Do not use any food containers - risk of mistake. Containers have to be labelled clearly and permanently. Store in the original container as much as possible. Keep container tightly closed. Recommended storage at room temperature. Store in a dry place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations. Remove all sources of ignition.
PPE - Eye/Face Protection	Sufficient eye protection must be worn. Wear glasses with side protection
PPE - Skin Protection	Use protective gloves. The glove material must be sufficiently impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location. Pay attention to skin care. Skin protection cremes do not protect sufficiently against the substance. Textile or leather gloves are completely unsuitable. The following information is valid for aqueous, saturated solutions of the salt. The following materials are suitable for protective gloves (Permeation time \geq 8 hours): Natural rubber/Natural latex - NR (0.5 mm) (use non-powdered and allergen free products) Polychloroprene - CR (0.5 mm) Nitrile rubber/Nitrile latex - NBR (0.35 mm) Butyl rubber - Butyl (0.5 mm) Fluoro carbon rubber - FKM (0.4 mm) Polyvinyl chloride - PVC (0.5 mm)
PPE - Body Protection	Depending on the risk, wear a tight protective clothing or a suitable chemical protection suit.
PPE - Respiratory Protection	In an emergency (e.g.: unintentional release of the substance) respiratory protection must be worn. Consider the maximum period for wear. Respiratory protection: Particle filter P2 or P3, colour code white. Use insulating device for concentrations above the usage limits for filter devices, for oxygen concentrations below 17% volume, or in circumstances which are unclear.

Section 9: Physical and Chemical Properties

Appearance	Physical State: White Solid
Upper/Lower Flammability or Explosive Limits	Flammability (solid, gas) Combustible solid Flammability Limit in Air Not determined
Odor	Odourless
Vapor Pressure	Not determined
Odor Threshold	Not determined
Vapor Density	Not determined
pH	8 - 11(20 °C, 1400 g/L)
Relative Density	1.36 (20 °C)
Melting Point/Freezing Point	\geq 205 °C
Solubility	Not determined
Initial Boiling Point and Boiling Range	\geq 205 °C(1013.3 hPa)
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Flammability (solid, gas) Combustible solid Flammability Limit in Air Not determined
Partition Coefficient	Not determined
Auto-Ignition Temperature	$>$ 150 °C
Decomposition Temperature	$>$ 270 °C
Viscosity	Not determined

Section 10: Stability and Reactivity

Reactivity	Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing
Conditions to Avoid	Heat, flames and sparks. Incompatible materials
Incompatible Materials	Aluminium, Zinc, Tin
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide Metal oxide fume

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	3200 mg/kg (Rat)
Acute Toxicity - Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system.
Acute Toxicity - Dermal	Substance cause slight skin irritation
Acute Toxicity - Eye	Contact with eyes may cause irritation.
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	No sensitization responses were observed.
Germ Cell Mutagenicity	No information available
Carcinogenicity IARC	No information available
Carcinogenicity ACGIH	No information available
Carcinogenicity NTP	No information available
Carcinogenicity OSHA	No information available
Reproductive Toxicity	No known hazard.
Specific Target Organ Toxicity - Single Exposure	No information available
Specific Target Organ Toxicity - Repeated Exposure	No information available
Aspiration Hazard	No information available

Section 12: Ecological Information

Toxicity	Fish LC50: 1250: 96 h Brachydanio rerio mg/L LC50 static
Persistence and Degradability	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Bio-accumulative Potential	No information available
Mobility in Soil	No information available
Other Adverse Effects	No information available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal should be in accordance with applicable regional, national and local laws and regulations
Waste Treatment Methods Packaging	Dispose of in accordance with federal, state and local regulations
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	Non-marine pollutant

Section 15: Regulatory Information

International Inventories: AICS-Listed, DSL/NDL-Listed, EINECS/ELI NCS-Listed, ENCS-Listed, IECSC-Listed, KECL-Listed, PICCS-Listed, TSCA-Listed. US Federal Regulations SARA 313 No information available SARA 311/312 Hazard Categories No information available CWA (Clean Water Act) No information available CERCLA No information available US State Regulations California Proposition 65 No information available U.S. State Right-to-Know Regulations No information available

Section 16: Other Information

Additional Information	TWA - TWA (time-weighted average) STEL - STEL (Short Term Exposure Limit) Ceiling - Maximum limit value TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances AICS - Australian Inventory of Chemical Substances
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