

## Section 1: Identification

<b>Common Name/Trade Name</b>	POTASSIUM SORBATE	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Product Synonym(s)</b>	N/A	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Skin corrosion/irritation Category 2, Serious eye damage/eye irritation Category 2	
<b>Signal Word</b>	Warning	
<b>Hazard Statement(s)</b>	H315 H319	Causes skin irritation Causes serious eye irritation
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	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.
<b>Hazards Not Otherwise Classified</b>	No information available	
<b>Ingredient(s) with Unknown Toxicity</b>	1% of the mixture consists of ingredient(s) of unknown toxicity	

## Section 3: Composition/Information on Ingredients

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

## Section 4: First Aid Measures

<b>General Advice</b>	Remove contaminated clothing and shoes. If symptoms persist, call a physician. Indication of any immediate medical attention and special treatment needed Treat symptomatically
<b>If Inhaled</b>	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.
<b>In Case of Skin Contact</b>	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.
<b>In Case of Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>If Swallowed</b>	Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.
<b>Most Important Symptoms and Effects</b>	Causes skin irritation. Causes serious eye irritation

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Suitable extinguishing media Water (spray - not splash) Dry extinguishing powder Alcohol resistant foam Carbon dioxide. Unsuitable extinguishing media Do not use water jet.
<b>Special Hazards Arising From the Substance/Mixture</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors
<b>Special PPE and/or Precautions for Firefighters</b>	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

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	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
<b>Methods and Materials Used for Containment</b>	Avoid release to the environment
<b>Cleanup Procedures</b>	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

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	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

<b>Components with Workplace Control Parameters</b>	No data available.
<b>Appropriate Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations. Remove all sources of ignition.
<b>PPE - Eye/Face Protection</b>	Sufficient eye protection must be worn. Wear glasses with side protection
<b>PPE - Skin Protection</b>	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)
<b>PPE - Body Protection</b>	Depending on the risk, wear a tight protective clothing or a suitable chemical protection suit.
<b>PPE - Respiratory Protection</b>	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

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

## Section 10: Stability and Reactivity

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

## Section 11: Toxicological Information

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

## Section 12: Ecological Information

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

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations
<b>Waste Treatment Methods Packaging</b>	Dispose of in accordance with federal, state and local regulations
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	Non-marine pollutant

## Section 15: Regulatory Information

International Inventories: AICS-Listed, DSL/NDSL-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

<b>Additional Information</b>	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/NDSL - 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
<b>Prepared By</b>	Lisa Russell
<b>Revision Date</b>	01/10/2019 10:57

### Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.