



MATERIAL SAFETY DATA SHEET

Issued June 2014

Emergency phone number: 450-446-2660

POTASSIUM CHLORIDE

Catalog No.: 600-075-**

Identity: (As used on label and list)

CAS: 7447-40-7

Manufacturer: Wisent Inc.

SECTION I – HAZARDOUS INGREDIENTS

General Information: To the best of our knowledge, this material is not believed to be toxic, hazardous or dangerous to one's health according to OSHA regulations. Follow appropriate guidelines for proper laboratory precautions and procedures when handling product. Wear appropriate protective clothing to limit exposure to eyes, skin and mucous membranes, as irritation may occur while using dry powders or liquid media. Wash hands thoroughly after handling.

Applications: For laboratory use only. Not for drug, household or other uses.

HMS codes: Fire: 0 Health: 1 Reactivity: 1

SECTION II - FIRE AND ACCIDENTAL EXPOSURE DATA

Flash Point: N/A

Auto Ignition: N/A

Extinguishing media: Water, CO₂, dry chemical or foam

Explosion: No explosion hazard

Firefighting procedures: For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment, such as self-contained breathing apparatus and protective clothing.

Stability: Stable

Hazardous polymerization: Will not occur



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SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance: White powder

Boiling point: N/A

Evaporation rate (Butyl Acetate = 1): N/A

Melting point: N/A

Solubility in water: N/A

Vapor Density (Air = 1): N/A

Vapor Pressure (mmHg): N/A

SECTION IV - REACTIVITY DATA

Condition to avoid: Protect from moisture

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous decomposition: May emit toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxide.



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SECTION V – HEALTH HAZARD & FIRST AID INFORMATION

POTENTIAL HEALTH EFFECTS AND SYMPTOMS OF EXPOSURE

Inhalation: Avoid exposure, may be harmful.

Skin: Avoid exposure, may be harmful.

Eye contact: May cause irritation with redness and pain.

Ingestion: May cause irritation to mucous membranes and upper respiratory tract.

ACUTE EXPOSURE

May produce skin and eyes irritation. May cause allergic reaction.

EMERGENCY & FIRST AID PROCEDURES

Eyes: First check the victim for contact lenses and remove if present. Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.

Skin: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention. (Show label whenever possible). If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician.

Ingestion: If swallowed, wash out mouth with water providing the victim is conscious. Seek medical attention.



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SECTION VI – PRECAUTIONS FOR SAFE HANDLING AND USE

STORAGE AND HANDLING

Store at 15 to 30°C for product quality assurance.

OCCUPATIONAL SPILLS

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite. Sweep up and place in suitable container for reclamation or disposal. Avoid raising dust. Ventilate area and wash spill site after pickup is completed.

WASTE DISPOSAL METHOD

Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local regulations for waste disposal.

SECTION VII – GUIDELINES FOR SAFE HANDLING

RECOMMENDED PERSONAL PROTECTION EQUIPMENT

Respiratory: In case of high exposure, dust mask is recommended.

Eyes: Appropriate eye protection, such as chemical type goggles should be worn to prevent eye contact.

Clothing and equipment: Chemical resistant gloves. As recommended by internal safety committee. Safety shower and eye bath.

General precautions: Use good laboratory precautions and practices. Wash hands thoroughly after handling. Avoid prolonged or repeated exposure. Keep tightly closed. Store in a cool dry, well-ventilated area.

SPECIAL PROTECTION INFORMATION

Ventilation requirements: Use only in systems, processes, and procedures in which effective ventilation has been provided.

Additional Information: This information is believed to be accurate and represents the best information available to date. We make no warranty or assume liability from its use. Users should make their own investigations to determine the suitability of the information.