



COLUMBUS CHEMICAL INDUSTRIES INC.

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Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Potassium Sorbate

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries

N4335 Temkin Road

Columbus, Wisconsin 53925

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1-920-623-2140

Date Prepared

06-02-2004

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Potassium Sorbate\*, 590-00-1, Not established, Not established, Not available, 100%

\*Synonyms: 2,4-hexadienoic acid, potassium salt

Section III - Physical/Chemical Characteristics

Table with 4 columns: Boiling Point, Vapor Pressure (mm Hg), Vapor Density (AIR = 1), Specific Gravity (H2O = 1), Melting Point, Evaporation Rate (Butyl Acetate = 1). Values: Decomposes, Not available, Not available, Not available, 270 °C (518 °F), Not available.

Solubility in Water
easily soluble in water. 58.5 g in 100 cc water at 25 °C

Appearance and Odor
white crystals or powder.

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Values: Nonflammable, Not applicable, Not applicable, Not applicable.

Extinguishing Media
Water spray, carbon dioxide.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin or eyes. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards

Handling of product may result in formation of dust-air mixture, contact of powder suspended in air, with spark or flame, could support combustion.

**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Not Available
	Stable	X		

**Incompatibility Materials to Avoid**

Not Available

**Hazardous Decomposition or Byproducts**

Carbon monoxide, carbon dioxide

**Hazardous Polymerization****Conditions to Avoid**

	May Occur		
	Will Not Occur	X	Not available.

**Section VI Health Hazard Data****Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

	Yes	Yes	Yes
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**Health Hazards (Acute and Chronic)**

ACUTE: Inhalation may cause respiratory irritation. May irritate eyes of skin. CHRONIC: Prolonged contact with dust may cause respiratory irritation.

**Carcinogenicity****NTP****IARC Monographs****OSHA REGULATED?**

	Not listed	Not listed	Not listed
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**Signs and Symptoms of Exposure.**

INHALATION: Burning sensation, coughing, wheezing, laryngitis, shortness of breath.

EYES: Itching, redness, tearing SKIN: Itching

Medical Conditions Generally Aggravated by Exposure

Asthma, emphysema, other respiratory diseases.

**Emergency and First Aid Procedures**

EYES /SKIN: immediately flush with large amounts of water for at least 15 minutes.

Remove contact lenses if possible. Assure adequate flushing of eyes by separating eyelids with fingers. Call physician if irritation develops. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. INGESTION: Wash out mouth providing person is conscious. Call a physician.

**Section VII Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Evacuate unprotected personnel from area. Eliminate all ignition sources. Ventilate spill area.

Wear self-contained breathing apparatus rubber boots, protective gloves and chemical safety goggles. Avoid raising dust. Sweep up, place in a container for disposal. Ventilate and wash spill area after pick up is complete.

Waste Disposal Method Dispose of material in accordance with all Federal, state, and local regulations.

**Precautions to be Taken in Handling and Storing**

Store in a cool, dry place. Keep containers tightly closed. Protect from moisture. Do not get into eyes or on skin or clothing. Avoid breathing dust. Use only with adequate ventilation.

Wash thoroughly after handling. Avoid raising dust.

Other Precautions Containers, even when empty, will retain residue. Always obey hazard warnings and handle empty containers as if they were full.

**Section VII Control Measures****Respiratory Protection (Specify Type)**

NIOSH/MSHA-approved respirator with dust/mist cartridge if exposure limits are exceeded.

**Ventilation**

Local Exhaust Recommended to control dust.

Special Safety shower nearby.

Mechanical (General) Recommended.

Other Eyewash station nearby.

Protective Gloves Appropriate chemical-resistant gloves.

Eye Protection Chemical Safety Goggles.

Other Protective Clothing or Equipment Boots; clean body-covering clothing; dust mask, if needed.

Work /Hygienic Practices Do NOT wear contact lenses while handling this material. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid breathing dust. Avoid contact with eyes, skin and clothing.

Use only with adequate ventilation. Avoid prolonged or repeated exposure. Wash contaminated clothing before reuse.

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