

SAFETY DATA SHEET
Version 1.0, Date: Dec. 01, 2021

Potassium Sorbate

Section 1 - Chemical Product and Company Information

PRODUCT NAME	Potassium Sorbate
SYNONYMS	2,4-Hexadienoic acidpotassium salt
REACH NO.	A registration number is not available
COMPANY	CORChem Limited
TELEPHONE	001-3019658271
E-MAIL	lucy@corchemlimited.com
RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST IDENTIFIED USES	Manufacture of substance
EMERGENCY TELEPHONE NO.	ChemTel Inc. Contract No. MIS5173333 Emergency No. 1-800-255-3924 or +1-813-248-0585 for callers outside US territories and Canada.

Section 2 - Composition/Information on Ingredient

SUBSTANCE NAME	CAS #	EINECS#
Potassium Sorbate	24634-61-5	246-376-1
MOLECULAR WEIGHT	FORMULA	
150.22 g/mol	C ₆ H ₇ KO ₂	

Section 3 - Hazards Identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	Not a hazardous substance or mixture.
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Section 4 - First Aid Measures

DESCRIPTION OF FIRST AID MEASURES	General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED	The most important known symptoms and effects are described in the labelling in section 11
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	No data available

Section 5 - Fire Fighting Measures

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EXTINGUISHING MEDIA	Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	No data available
ADVICE FOR FIREFIGHTERS	Wear self-contained breathing apparatus for firefighting if necessary.
FURTHER INFORMATION	No data available

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.
ENVIRONMENTAL PRECAUTIONS	Do not let product enter drains.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
REFERENCE TO OTHER SECTIONS	For disposal see section 13.

Section 7 - Handling and Storage

PRECAUTIONS FOR SAFE HANDLING	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.
SPECIFIC END USE(S)	Apart from the uses mentioned in section 1 no other specific uses are stipulated

Section 8 - Exposure Controls, Personal Protection

CONTROL PARAMETERS	Components with workplace control parameters Contains no substances with occupational exposure limit values. Hazardous components without workplace control parameters
EXPOSURE CONTROLS	Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166
Use equipment for eye protection tested and approved
under appropriate government standards such as NIOSH
(US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to
use. Use proper glove removal technique (without
touching glove's outer surface) to avoid skin contact
with this product. Dispose of contaminated gloves after
use in accordance with applicable laws and good
laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, the type of protective equipment
must be selected according to the concentration and
amount of the dangerous substance at the specific
workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU
EN 143) particle respirator. For higher level protection
use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143)
respirator cartridges. Use respirators and components
tested and approved under appropriate government
standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9 - Physical and Chemical Properties

APPEARANCE	Form: solid
COLOR	light yellow
ODOR	No data available
ODOUR THRESHOLD	No data available
PH	8.0 - 11.0 at 580 g/l at 20 °C (68 °F)
MELTING	210 °C (410 °F) - Decomposes on heating.
POINT/FREEZING POINT	
INITIAL BOILING POINT AND BOILING RANGE	No data available
FLASH POINT	No data available
EVAPORATION RATE	No data available
FLAMMABILITY (SOLID, GAS)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No data available

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VAPOR PRESSURE	No data available
VAPOR DENSITY	No data available
RELATIVE DENSITY	1.360 g/cm ³ at 20 °C (68 °F)
WATER SOLUBILITY	1,400 g/l at 20 °C (68 °F) - slightly soluble
PARTITION COEFFICIENT: N-OCTANOL/WATER	No data available
AUTO-IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available
EXPLOSIVE PROPERTIES	No data available
OXIDIZING PROPERTIES	No data available
BULK DENSITY	0.67 g/l
SOLUBILITY IN OTHER SOLVENTS	Ethanol 1 g/l at 20 °C (68 °F)

Section 10 - Stability and Reactivity

REACTIVITY	No data available
CHEMICAL STABILITY	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	No data available
CONDITIONS TO AVOID	No data available
INCOMPATIBLE MATERIALS	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO _x) Other decomposition products - No data available In the event of fire: see section 5

Section 11 - Toxicological Information

INFORMATION	ON	Acute toxicity
TOXICOLOGICAL EFFECTS		No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitisation No data available Germ cell mutagenicity Hamster fibroblast Cytogenetic analysis
CARCINOGENICITY		IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a

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	Revision Date
NEW JERSEY RIGHT TO KNOW COMPONENTS	Potassium (E, E)-hexa-2,4-dienoate
	CAS-No. 24634-61-5
	Revision Date
CALIFORNIA PROP. 65 COMPONENTS	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Other Information

The above information is believed to be 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 regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. CORChem Limited and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.