

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : Potassium Sorbate

Brand : APAC

Company : APAC Chemical Corporation

150 N. Santa Anita Ave, Suite 850, Arcadia, CA, 91006 U.S.A

### 2. HAZARDS IDENTIFICATION Classification of the substance or mixture

According to Regulation (EC) No1272/2008

Skin irritation (Category 2) Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3) According to European Directive 67/548/EEC as amended. Irritating to eyes, respiratory system and skin.

#### Label elements



Pictogram

Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Hazard symbol(s) Xi Irritant

R-phrase(s)

R36/37/38 Irritating to eyes, respiratory system and skin. S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Other hazards - none**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Synonyms : 2,4-Hexadienoic acidpotassium salt

Sorbic acidpotassium salt

Formula : C<sub>6</sub>H<sub>7</sub>KO<sub>2</sub>

Molecular Weight : 150,22 g/mol

CAS-No. EC-No. Index-No. Classification Concentration

**Potassium (E,E)-hexa-2,4-dienoate**

24634-61-5 246-376-1 - Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319, H335  
Xi, R36/37/38

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**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.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**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.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Supelco - 47848 Page 3 of 5

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

#### 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).

#### Hand 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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Eye 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 and 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.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES Appearance

Form Beads

Colour light yellow

### Safety data

pH 8,0 - 11,0 at 580 g/l at 20 °C

Melting point 210 °C - Decomposes on heating. Boiling point no data available

Flash point no data available

Ignition temperature > 150 °C -

Lower explosion limit no data available Upper explosion limit no data available Density

1,360 g/cm<sup>3</sup> at 20 °C

Water solubility 1.400 g/l at 20 °C - slightly soluble

Solubility 1 g/l at 20 °C Ethanol

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

**Conditions to avoid** no data available

### Materials to avoid

Strong oxidizing agents

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### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides,  
Potassium oxides

### Thermal decomposition

210 °C

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Skin corrosion/irritation

no data available

### Serious eye damage/eye irritation

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

Genotoxicity in vitro - Hamster – fibroblast

**Cytogenetic analysis**

Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

Inhalation - May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazards**

No data available

**Potential health effects**

**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** Causes serious eye irritation.

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: WG2170000

**12. ECOLOGICAL INFORMATION****Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

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**PBT and vPvB assessment**

No data available

**Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION****ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **16. OTHER INFORMATION**

### **Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Eye Irrit. Eye irritation

H315 Causes skin irritation.

H319 Causes serious eye irritation. H335 May cause respiratory irritation. Skin Irrit. Skin irritation

STOT SE Specific target organ toxicity - single exposure

Xi Irritant

R36/37/38 Irritating to eyes, respiratory system and skin.