

1. Identification of the substance/preparation and the company/undertaking

Name of substance: POTASSIUM SORBATE

Formula: $C_6H_7O_2K$

Structure: $CH_3-CH=CH-CH=CH-COOK$

Molecular Weight: 150.22

Manufacturer: SHANDONG REIPU CHEMICALS CO., LTD.

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2. Composition Composition/Information on Ingredient

CAS Name: 2,4-Hexadienoic,(E,E)-Potassium Salt

CAS No.: 590-00-1

3. Hazards Identification



Xi Irritant

Information concerning particular hazards for human and environment:

R 36/38 Irritating to eyes and skin.

4. First-aid Measures

In case of eye or skin contact, wash with large amounts of water for 15 to 20 minutes.

In case of ingestion, treat symptomatically and supportively. In the event of persist symptoms receive medical treatment.

In case of inhalation seek fresh air and aid breathing if necessary. Get medical attention.

5. Fire-fighting Measures

Suitable extinguishing material: Alcohol-resistant foam; DRY powder; Carbon dioxide; water spray jet.

Fight fire in early stages is safe to do so.

Don't inhale explosion and/or combustion gases.

Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released: Carbon monoxide (CO)

Protective equipment: Mouth respiratory protective device.

Additional information: Large amounts of soot are formed in burning.

6. Accidental Release Measures

Personal precautions: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains.

Methods for cleaning up: Sweep up and shovel into suitable containers for disposal.

7. Handling and Storage

Handling:

Information for safe handling: No special measures required.



SHANDONG REIPU CHEMICALS CO., LTD.

Material Safety Data Sheet

Version 3

Revised on 23.02.2008

Information about fire-and explosion protection:

Keep ignition sources away-Do not smoke.

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles:No special requirements.

Information about storage in one common storage facility:No required.

Further information about storage conditions:

Store in cool,dry conditions in well sealed receptacles.

Protect from exposure to the light.

8. Exposure Controls/Personal Protection

Additional information about design of technical facilities:No further data;see item 7.

Ingredients with limit values that require monitoring at the workplace:No required.

Additional information:The lists valid during the making were used as basis.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Respiratory protection:Particle filter half mask.

Protection of hands:

Protective gloves

Check the permeability prior to each anewed use of the glove.

Eye protection:

Tightly sealed goggles

Face protection

9. Physical and Chemical Properties

Form: extruded,spherical,powder

Odor: odorless

Color: White

Melting point: 210°C (decomposition)

Self-igniting: > 150°C(wire basket)

Danger of explosion: Product does not present an explosion hazard.

Bulk density: 0.670g/ cm³

PH value(580G/L) AT 20°C: 8-11

Density(20): 1.36g/cm³

Solubility in/Miscibility with water: 58 Gew-%

10.Stability and Reactivity

Stability: Stable.

Combustion gases: In the event of fire, the formation of carbon dioxide, and water. (and potassium carbonate).

Solid product combustibility: not combustible.

Risk of dust explosion: no risk.



Impact sensitivity: not impact sensitive.

Risk of polymerization: will not occur.

11. Toxicological Information

Acute oral toxicity: LD50 > 2000mg/kg(Rat)

Acute dermal toxicity

Reference substance: Sorbic acid

LD50 > 2000mg/kg(Rat)

Primary irritant effect:

On the skin:

Species: rabbit

Evaluation: irritant

Method: EEC 84/449, B.4

On the eye:

Species: rabbit

Evaluation: irritant

Method: EEC 84/449, B.5

Sensitization: No sensitizing effects known.

Experience with humans: May irritate skin.

12. Ecological Information

Ecological data are not available, don't monitor into the environment.

13. Disposal Considerations

Package product waste, close and label the waste receptacles and likewise, any uncleaned empty containers.

Dispose of them at a suitable waste incineration plant in accordance with the official regulations.

Where large quantities are concerned, consult the supplier.

14. Transport Information

Not dangerous cargo. Don't define in the transport regulation.

15. Regulatory Information

Labeling according to EU guidelines.

Code letter and hazard designation of product: Xi Irritant

Risk phrases: 36/38 Irritating to eyes and skin.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Potassium sorbate according to the permissible Auxiliary Substances Regulations Act in China, is admitted as an auxiliary substance in Foodstuffs. Potassium sorbate satisfies the conditions of purity as required by Auxiliary Substances Transport Regulations. EEC-NO: E 202.

Sources Manufacturer's information.