



Safety Data Sheet

According to Hazard Communication Standard 129 CFR 1910.1200

POTASSIUM SORBATE

SDS Record Number: CSSS-TCO-010-100192

Version 1.1 Revision date: 01/04/2015

Printing date: 01/04/2015

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

1.1 Product identifier

Identification on the label/Trade name: POTASSIUM SORBATE
Additional identification: POTASSIUM SORBATE
Identification of the product: CAS#24634-61-5 EC#246-376-1
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised

against 1.2.1 Identified uses:

Used as antiseptic in the food service industry.

1.2.2 Uses advised against

Not available.

1.3 Details of the supplier of the safety data sheet

Supplier(Only representative): Chemical Inspection & Regulation Service Limited
Supplier(Manufacturer): Jinneng Science &Technology Co., Ltd.
Address: No.1 Jinneng Road Qihe Shandong ,China
Contact Person (E-mail): Not available
Telephone: +86 (0) 534 2159829
Fax: +86 (0) 534 2158606

1.4 Emergency telephone Number: +353 41 980 6916

Available outside office hours?

Yes

NO

2 Hazards Identification

2.1 Classification of the substance

2.1.1 Classification:

The substance is classified as following according to 67/548/EEC and REGULATION(EC)No.1272/2008

REGULATION(EU) No.1272/2008	
Hazard classes /Hazard categories	Hazard statement
Eye Irrit.2	H319
Skin Irrit.2	H315

For full text of R-phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

2.1.2.2 The most important adverse human health effects:



Irritating to eyes and skin.

2.1.2.3 The most important adverse environmental effects: Not applicable.

2.2 label

elements Hazard

Pictograms:



Signal Word(S):

Warning.

Hazard Statement:

H319: Causes serious eye irritation.

H315: Causes skin irritation.

Precautionary Statement: P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing..

P337 + P313: If eye irritation persists: Get medical advice /attention.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313: If skin irritation occurs: Get medical advice /attention.

P362: Take off contaminated clothing and wash before reuse.

2.3 Other hazards

Not available (PBT. vPvB, Substance is an endocrine disruptor etc.)

3 Composition / information on ingredients.

Substance/ Mixture: Substance

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
2,4-Hexadienoic,(E,E)-Potassium Salt	N/A	24634-61-5	246-376-1	>98%

4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention. 4.1.1 In case of inhalation:

Seek fresh air and aid breathing if necessary. Get medical attention. 4.1.2 In case of skin contact:

Wash with large amounts of water for 15 to 20 minutes. 4.1.3 In case of eyes contact:

Wash with large amounts of water for 15 to 20 minutes. 4.1.4 In case of ingestion:

Treat symptomatically and supportively. In the event of persist symptoms receive medical treatment.

4.2 Most important symptoms and effects, both acute and delayed.

Irritating to eyes and skin

4.3 Indication of any immediate medical attention and special treatment needed.

If skin irritation or rash occurs, get medical advice/attention.

5 Fire-Fighting measures.

5.1 Extinguishing media:

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

Unsuitable extinguishing media: Not available.



5.2 Special hazards arising from the substance or mixture.

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)

5.3 Advice for fire-fighters:

Don't inhale explosion and/ or combustion gases. Protective equipment: Mouth respiratory protective device. Additional information:

Large amounts of soot are formed in burning.

6 Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Remove ignition sources. Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Wear protective gloves /protective clothing/eye protection /face protection.

6.1.2 For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if mist, vapor or dust is generated.

6.2 Environmental Precautions

Prevent product from entering drains.

6.3 Methods for containment and cleaning up:

Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on person protection equipment.

See section 13 fro information on disposal.

6.5 Additional information.

Wet clean or vacuum up solids.

Don't use a brush or compressed air for cleaning surfaces or clothing.

Clear spills immediately.

7 Handling and storage

7.1 Precautions for safe handling

7.1.1 Protective measures:

Do not breathe dusts/Vapor .Handle in well ventilated areas .Eliminate all sources of ignition ,and do not generate flames or sparks .

Take precautionary measures against static discharges .

7.1.2 Advice on general occupational hygiene:

Do not eat ,drink and smoke in work areas Wash hands after use.

Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

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.

7.3 Specific end use(s):

Not applicable.

8 Exposure controls

8.1 Control parameters.

8.1.1 Occupational exposure limits: Not available.

8.1.2 Additional exposure limits under the conditions of use: Not available.



8.1.3 DNEL/DMEL and PNEC-Values: Not available

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Avoid dust generation. Ensure good ventilation and local exhaustion of the working area.

8.2.2 Individual protection measures, such as personal protective equipment.

Eye/face protection Wear appropriate goggles to prevent eye exposure.

Hand protection Wear appropriate gloves to prevent skin exposure.

Body protection Wear suitable protective clothing to prevent skin exposure.

Respiratory protection Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties.

Appearance: Extruded, spherical, powder

Colour: White

Odour Odorless

Odour threshold Not available

Ph: 8-11

Melting point/range(°C): 210 °C

Boiling Point/range(°C): Not determined

Flash point (°C) Not available

Evaporation rate: Not applicable.

Flammability (solid, gas): Not flammable

Ignition temperature(°C) >150 °C (wire basket)

Upper/lower flammability/explosive limits: Product does not present an explosion hazard.

Vapour density: Not available

Relative Density (20 °C) 1.36g/cm³(20 °C)

Bulk density(g/cm³) 0.670g/cm³

Water solubility(g/l) at 20 °C 58 Gew-%

n-Octanol /Water(log Po/w): Not determined

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity, dynamic (mPa S): Not determined

Explosive properties: Not determined

Oxidising properties: Not applicable

9.2 Other information.

Fat solubility(solvent-oil to be specified)etc: Not available.

Surface tension: Not available.

Dissociation constant in water (pKa): Not available.

Oxidation-reduction Potential Not available.

10 Stability and reactivity

10.1 Reactivity



The substance is stable under normal storage and handling conditions.

10.2 Chemical stability

Under normal conditions, the product is stable. No hazardous reaction when handled and stored according to provisions. Hazardous reactions are not known.

10.3 Possibility of hazardous reactions:

Under normal conditions, not hazardous reactions will occur.

10.4 Conditions to avoid:

Incompatible materials, combustible materials, organic materials, reducing agents, strong acids.

10.5 Incompatible materials:

Carbon dioxide

10.6 Hazardous decomposition products:

None.

11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Not available

Method: Not available
 Dosis: Not available
 Routes of administration: Not available
 Results: Not available
 Absorption: Not available
 Distribution: Not available
 Metabolism: Not available
 Excretion: Not available

11.2 Information on toxicological effects.

Acute toxicity:

LD50(Oral, Rat)= >2000mg/kg
 L050(Dermal Rat)= > 2000mg/kg
 LD50(inhalation. Rat): Not available
 Skin corrosion/irritation: Causes skin irritation
 Serious eye damage/irritation: Causes serious eye irritation
 Respiratory or skin sensitization: Not classified
 Germ cell mutagenicity: Not classified
 Carcinogenicity/: Not classified
 Reproductive toxicity: Not classified
 STOT- single exposure: Not classified
 STOT.repeated exposure: Not classified
 Aspiration hazard: Not classified

12 Ecological information

Toxicity

Acute toxicity		time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
LC50	N/A	48h	Oaphnia	OECD 202	N/A	N/A
EC50	N/A	96h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available



Bioaccumulative potential: No data available
 Mobility in soil: Not available
 Results of PBT&vPvB assessment: Not applicable
 Other adverse affects: Not applicable

13 Disposal considerations

13.1 Waste treatment method

Avoid discharge directly into the environment .According to local regulations. Federal and official regulations

13.2 Product / Packaging disposal:

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

Item	Land transport(ADR/RID)	Sea transport(IMDG)	Air transport(ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Environmental hazards	Not regulated	Not regulated	Not regulated
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated

15 Regulation information

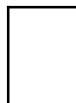
15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture.

Relevant information regarding authorization: Not applicable

Relevant information regarding restriction: Not applicable

Other EU regulations: Employment restrictions concerning young person must be observed For use only by technically qualified individuals.

Other National regulations: Not applicable



16 Other information

16.1 Indication of changes

16.2 Relevant R-phrases (number and full text) :

R36/38 Irritating to eyes and skin.

16.3 Training instructions: Not applicable

16.4 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.5 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them. and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished. Without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process. is the responsibility of the user.