

**Safety Data Sheet**  
**According to Hazard Communication Standard (29 CFR 1910.1200)**

Potassium sorbate

Printing date: 01/11/2018

Version 1.0

Revision date: 01/11/2018

## 1. Product and Company Identification

**Material name** Potassium sorbate  
**CAS #** See section 3  
**Product code** -  
**Product use** Not available.  
**Manufacturer/Supplier**  
**Supplier(Manufacturer):** NINGBO WANGLONG TECH CO. , LTD  
**Address:** NO.19 LANGHAI N-ROAD , BINHAI NEW CITY, ECONOMIC DEVELOPMENT AREA, YUYAO, ZHEJIANG  
**Contact person(E-mail):** angie@wanglong.com  
**Telephone:** 0574-58126533  
**Fax:** 0574-62093358  
**Emergency telephone Number:** 0574-58126533

## 2. Hazards identification

### GHS classification

**Physical hazards** Not classified  
**Health hazards** Eye damage/irritation Category 2A  
**Environmental hazards** Not classified

### GHS label elements

#### Hazard Pictograms



**Signal word** Warning  
**Hazard statement** Causes serious eye irritation.

### Precautionary statement

**Prevention** Wash hand thoroughly after handling.  
Wear eye protection/face protection  
**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
**Storage** Not applicable.  
**Disposal** Not applicable.

## 3. Composition / Information on Ingredients

Components	CAS#	Percent
potassium sorbate	24634-61-5	100%

## 4. First Aid Measures

### First aid procedures

**Eye contact** Rinse with running water whilst keeping the eyes wide open. (at least 15 minutes).

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<b>Skin contact</b>	Remove all contaminated clothing and footwear. Wash with water. In case of inflammation (redness, irritation) obtain medical attention.
<b>Inhalation</b>	Move the person away from the contaminated area. Make the affected person rest.
<b>Ingestion</b>	NEVER attempt to induce vomiting. Rinse mouth out with water.
<b>Notes to physician</b>	Treat symptoms.

## 5. Fire Fighting Measure

<b>Flammable properties</b>	Product is combustible.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Preferably use: Water spray, Powders, Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Not available.
<b>Hazardous combustion products</b>	On combustion or on thermal decomposition (pyrolysis) releases: toxic vapours. (Phenol). (Carbon oxides (CO + CO <sub>2</sub> )).
<b>Firefighting equipment/instructions</b>	Firefighters must wear fire resistant protective equipment. Wear self contained breathing apparatus and protective gloves.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Avoid contact with eyes. Do not breathe dust. Do not approach from downwind. Prevent any contact with hot surfaces.
<b>Environmental precautions</b>	Avoid disposing into drainage/sewer system or directly into the aquatic environment.
<b>Methods for cleaning up</b>	Recovery: Recover as much of the product as possible. Vacuum up the product. Collect up the spilled product and place it in a spare container: suitably labelled. Keep the recovered product for subsequent disposal. Cleaning/Decontamination: Spray all the contaminated area with large amounts of water.

## 7. Handling and Storage

<b>Handling</b>	Avoid contact with moisture/humidity. Avoid the formation or spread of dust in the atmosphere. Avoid the build-up of electrostatic charge. Avoid contact with hot surfaces. Comply with instructions for use (refer to technical sheet). Do NOT handle in the presence of humidity.
<b>Storage</b>	Recommended : To guarantee the quality and properties of the product keep: Protected from light. The container tightly closed and dry. In a designated area. Storage conditions Incompatible products: Alkalis and caustic products. Packaging: - Polyethylene liner inside a fibre-board drum. For small quantities: - Plastic bottles. - Glass bottles. Packaging materials Recommended: Polyethylene. Tinted glass. Not suitable: Aluminium and its alloys.

## 8. Exposure Controls / Personal Protection

Control parameters:

### OCCUPATIONAL EXPOSURE LIMITS (OEL)

**INGREDIENT DATA:** Not Available

### EMERGENCY LIMITS:

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
potassium sorbate	potassium sorbate	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
Potassium sorbate	Not Available	Not Available

**Exposure controls:**

**Appropriate engineering controls:** Use in a well-ventilated area.

**Individual protection measures, such as personal protective equipment:**

**Eye / face protection** Safety spectacles.

**Skin protection** Impermeable protective gloves. Protective clothing.

**Respiratory protection** Handling dry powder in bulk: Half-mask.

**General hygiene considerations** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

## 9. Physical & Chemical Properties

### Appearance

**Physical state** Solid

**Form** White granular, crystalline powder, or pellets.

**Color** White

**Odor** Odorless

**Odor threshold** Not available

**pH** 7-8

**Vapor pressure** Not available

**Vapor density** Not available

**Boiling point** Not available

**Melting point/Freezing point** 270 (decompose)

**Solubility (water)** Slightly soluble in alcohol, 67.6 g dissolves in 100ml of water at 20.

**Partition coefficient** Not available

**Specific gravity** Not available

**Bulk density** Not available

**Density** 1.36g/cm<sup>3</sup>(20°C)

**Flash point** Not available

**Flammability limits in air, upper, %by volume** Not available

**Flammability limits in air, lower, % by volume** Not available

**Auto-ignition temperature** Not available

**Molecular formula** C<sub>6</sub>H<sub>7</sub>O<sub>2</sub>K

**Molecular weight** 150.22

**Other data**

**Viscosity** Not available

**Decomposition temperature** Not available

**Flammability (solid, gas)** Non flammable

## 10. Chemical Stability & Reactivity Information

Material name: Potassium sorbate  
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<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Incompatible materials. Above 100°C.
<b>Incompatible materials</b>	Strong bases. Aluminum.
<b>Hazardous decomposition products</b>	On combustion or on thermal decomposition (pyrolysis) releases: toxic vapours. (Phenol). (Carbon oxides (CO + CO <sub>2</sub> )).
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.

## 11. Toxicological Information

### Toxicokinetics, metabolism and distribution:

**Non-human toxicological data:** Not available

### Information on toxicological effects:

#### Acute toxicity:

<b>LD50(Oral, Rat):</b>	4920 mg/kg large mouse by mouth
<b>LD50(Dermal, Rat):</b>	Not available
<b>LC50(Inhalation, Rat):</b>	Not available
<b>Skin corrosion/Irritation:</b>	Not classified
<b>Serious eye damage/irritation:</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization:</b>	Not classified
<b>Germ cell mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified.
<b>STOT- single exposure:</b>	Not classified
<b>STOT-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not classified

## 12. Ecological Information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	N/A	Fish	OECD 203	N/A	N/A
EC50	N/A	N/A	Daphnia	OECD 202	N/A	N/A
EC50	N/A	N/A	Algae	OECD 201	N/A	N/A

<b>Persistence and degradability:</b>	Readily biodegradable
<b>Bioaccumulative potential:</b>	Not available.
<b>Mobility in soil:</b>	LogKoc=3.438
<b>Results of PBT&amp;vPvB assessment:</b>	The substance is not PBT / vPvB.
<b>Other adverse effects:</b>	No known significant effects or critical hazards.

## 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

### DOT

**Basic shipping requirements:**

<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	No

**IATA**

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>Transport hazard class(es)</b>	Not regulated
<b>Packing group</b>	Not regulated

**IMDG**

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>Transport hazard class(es)</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	No

**15. Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture:**

<b>vanillin(121-33-5) is found on the following regulatory lists</b>	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory"
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**16. Other Information****HMIS® ratings**

Health: 1  
 Flammability: 1  
 Physical hazard: 0

**NFPA ratings**

Health: 1  
 Flammability: 1  
 Instability: 0

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.

**Issue date**

01-11-2018