



Safety Data Sheet


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Section 1 - Product and Company Identification

Product name : Potassium Sorbate
Other names : 2,4-Hexadienoic,(E,E)-Potassium Salt
Product use : Use as food preservative and mildew repellents.
Supplier's name : SAN FU BIOTECH CO., LTD.
Supplier's address : 7F, 21, Chung shan N. Rd., Sec. 2, Taipei, Taiwan
Supplier's phone : 886-6-6231821 Emergency phone : 886-6-6231821
FAX. : 886-6-6231822

Section 2 - Hazards Identification

Classification : <ol style="list-style-type: none">1. Acute Toxicity Category 5 (ingestion)2. Skin Corrosion/ irritation Category 23. Serious eye damage/ irritation Category 2B
The Most Important Hazards and effect Label element : <ul style="list-style-type: none">■ Hazard symbol : Exclamation mark  <ul style="list-style-type: none">■ Signal word : Warning
Hazard statement : <ol style="list-style-type: none">1. Harmful while swallow(ingestion)2. Harmful with skin contact3. Causes eye irritation
Precautionary statement : <ol style="list-style-type: none">1. Keep good hygiene in the working area. If swallowed, seek the medical attention immediately.2. Avoid contact with eyes and skin.3. If contacted, wash with large amount of water then seek the medical attention immediately.4. Use proper protective clothing, impervious glove, safety goggles, respiratory protective equipments.
Others Hazard : /

Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Potassium Sorbate
Synonyms : 2,4-Hexadienoic,(E,E)-Potassium Salt
CAS No. : 590-00-1/24634-61-5
Ingredient contributing to the hazard(%) : >98%



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Section 4 - First Aid Measures

The First-aid Information :
■ Inhalation : 1. Move to an air-circulated place 2. If uncomfortable occurs, seek medical attention immediately.
■ Skin Contact : 1. Take out the contaminated cloth, shoes and leather product (such like belts). 2. Flush the contaminated area with gentle water for 15~20 minutes. 3. If uncomfortable occurs, seek medical attention immediately.
■ Eye Contact : 1. Flush eyes with large amount of water for 15~20 minutes. 2. If irritation occurs, seek medical attention immediately.
■ Ingestion : 1. If the victim is not breathing, perform mouth-to-mouth resuscitation. 2. Seek immediate medical attention.
The Most Important Symptoms and Hazardous Effects : --
Protection of First-aiders : Always use proper personal protective equipment (PPE) when doing the first aid.
Notes to a Physician : --

Section 5 - Fire Fighting Measures

Extinguishing Media : Water, chemical powder, CO2, alcoholic foam and polymerizational foam.
Specific Hazards when Fire-fight : May cause Carbon monoxide and large amounts of soot are formed in burning.
Specific Fire-fighting Procedure : --
Specific Protection of Firefighters : Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated and pressure gauge.

Section 6 - Accidental Release Measures

Personal Precautions : 1. Wear proper personal protective equipments. 2. Do no contact the leakage.
Environmental Precautions : 1. Restrict access the area until completion of clean up. 2. Do not drain into sewer or closed area. 3. Keep the contaminated area well ventilated.
Methods for Cleaning up : 1. Small spill: Absorb with non-combustible material and place in the container with label and cover. 2. Large spill: refer to the emergency service unit and inform the supplier.

Section 7 - Handling and Storage

Handling : Keep ignition sources away-Do not smoke.
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Protect against electrostatic charges.
Storage : Store in cool,dry conditions in well sealed receptacles. Protect from exposure to the light.

Section 8 - Exposure Controls & Personal Protection

Engineering measures : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.			
Control parameters			
TWA	STEL	Ceiling	Biological standards
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Personal protective equipment : <ul style="list-style-type: none">■ Respiratory Protection : Particle filter half mask.■ Hand Protection : Protective gloves■ Eye Protection : Tightly sealed goggles 、 Face protection■ Skin and Body Protection : Choose the proper protective clothing according to the concentration and the quantity of the hazardous in the environment. Overall protective clothing, working boots.			
Hygiene measures : Forms the good habit, strictly no drinking or eating in the working area. Need to wash the hands after work done.			

Section 9 - Physical & Chemical Properties

Appearance : crystal or powder	Odor : slight characteristic odor
Color : White or off white	Melting Point: 132-135°C
pH value : 8.5-10.5 (20°C)	Boiling point/boiling range : --
Flammability: --	Flash point : --
Decomposition temp : --	Test method : closed cup
Auto ignition temp : > 150°C	Explosion properties : --
Vapor pressure : --	Vapor density : --
Density : : 1.363g/ cm ³ (20°C)	Solubility : 58.2 % (water)
log Kow : /	Evaporation Rate : --

Section 10 - Stability & Reactivity Data

Stability : Stable in the normal condition
Possible hazardous reactions under specific conditions : --
Conditions to avoid : Heat, water, air, etc. incompatible materials.
Materials to avoid : --
Hazardous decomposition products : In the event of fire, the formation of carbon dioxide, and water.(and Potassium carbonate)



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Section 11 - Toxicological Information

Route of exposure : Inhalation, skin contact, ingestion, eyes.
Symptoms : 1. May cause feeling irritative.
Immediate Toxicity : 1. Skin : Causes skin irritation. 2. Inhalation : Cause nose, throat and upper respiratory tract irritation. 3. Eye : Cause severe eye irritation 4. Ingestion : Stomachache, nausea, vomit ● LD ₅₀ : (oral , rat) : 4920mg/Kg ● LC ₅₀ : (inhalation , rat) : --
Specific effects : --

Section 12 - Ecological Information

Ecotoxicology : -- ■ LC ₅₀ (fish) : -- ■ EC ₅₀ (Aquatic Invertebrates) : -- ■ Bioconcentration factor (BCF) : --
Persistence and degradability : -- ■ Half-Life (Air) : -- ■ Half-Life (Water surface) : -- ■ Half-Life (Groundwater) : -- ■ Half-Life (Soil) : --
Bioaccumulative potential : --
Mobility in soil :
Other adverse effects : --

Section 13 - Disposal Considerations

Methods of disposal : 1. Package product waste, close and label the waste receptacles and likewise, any 2. uncleaned empty containers. 3. Dispose of them at a suitable waste incineration plant in accordance with the official regulations. 4. Where large quantities are concerned, consult the supplier.
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Section 14 - MSDS Transport Information

UN classification number : /
Proper D.O.T Shipping Name : /
Hazard Class : /
Packing Group : /
Marine pollution : --



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Specific precautionary transport measures and conditions : --

Section 15 - Regulatory Information

Regulations :

1. Road Traffic Safety Regulations
2. Ships carrying dangerous goods rules
3. Taiwan Railway Administration transporting dangerous goods handling rules
4. Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials

Section 16 - Other Information

Literature references	Sources are from Manufacturer's information.	
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