SAFETY DATA SHEET

1. Identification

Product identifier: POTASSIUM SODIUM TARTRATE

Other means of identification
Product No.: 2370, 3262, 2367

Recommended use and restriction on use
- **Recommended use**: Not available.
- **Restrictions on use**: Not known.

Manufacturer/Importer/Supplier/Distributor information

- **Manufacturer**
  - Company Name: Avantor Performance Materials, Inc.
  - Address: 3477 Corporate Parkway, Suite 200
  - Center Valley, PA 18034
  - Telephone: Customer Service: 855-282-6867
  - Fax: 
  - Contact Person: Environmental Health & Safety
  - e-mail: info@avantormaterials.com

- **Emergency telephone number**:
  - 24 Hour Emergency: 908-859-2151
  - Chemtrec: 800-424-9300

2. Hazard(s) identification

- **Hazard classification**: Not classified

- **Label elements**
  - **Hazard symbol**: No symbol
  - **Signal word**: No signal word.
  - **Hazard statement**: Not applicable

- **Precautionary statement**: Not applicable

- **Other hazards which do not result in GHS classification**: None.

3. Composition/information on ingredients

- **Mixtures**
  - **Composition comments**: The components are not hazardous or are below required disclosure limits.

4. First-aid measures

- **General information**: Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.
Ingestion: Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation: Move to fresh air. Get medical attention if symptoms persist.

Skin contact: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Wash contaminated clothing before reuse.

Eye contact: Flush thoroughly with water. If irritation occurs, get medical assistance.

Most important symptoms/effects, acute and delayed

Symptoms: May cause irritation to skin, eyes, and respiratory tract.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically. Symptoms may be delayed.

5. Fire-fighting measures

General fire hazards: In case of fire and/or explosion do not breathe fumes.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO2, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Use personal protective equipment.

Methods and material for containment and cleaning up: Ventilate the area. Eliminate sources of ignition. Shovel into dry containers. Cover and move the containers. Flush the area with water.

Notification Procedures: Prevent entry into waterways, sewer, basements or confined areas. Inform authorities if large amounts are involved.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage

Precautions for safe handling: Wear suitable protective clothing and gloves. Avoid contact with eyes, skin, and clothing. Do not breathe dust or vapor. Avoid dust formation. Remove sources of ignition. Beware of the explosion danger.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed. Store in cool, dry place. Store in a well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits
None of the components have assigned exposure limits.

Appropriate engineering controls
No data available.

Individual protection measures, such as personal protective equipment

General information: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof ventilation equipment.

Eye/face protection: Use tight fitting goggles if dust is generated.

Skin protection

Hand protection: Wear protective gloves.

Other: Wear suitable protective clothing.

Respiratory protection: Avoid breathing dust. In case of inadequate ventilation use suitable respirator. Air-purifying respirator with a high efficiency particulate filter.

Hygiene measures: Provide eyewash station and safety shower. Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Appearance

Physical state: Solid
Form: Powder
Color: Colorless
Odor: Odorless
Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: 70 °C
Initial boiling point and boiling range: 220 °C

Flash Point: Not applicable
Evaporation rate: No data available.
Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available.
1. Stability and reactivity

Reactivity:
No dangerous reaction known under conditions of normal use.

Chemical stability:
Material is stable under normal conditions.

Possibility of hazardous reactions:
Hazardous polymerization does not occur.

Conditions to avoid:
Heat, sparks, flames. Contact with incompatible materials.

Incompatible materials:
Avoid contact with acids and oxidizing substances.

Hazardous decomposition products:
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

Information on likely routes of exposure

Ingestion: May cause irritation of the gastrointestinal tract.
Inhalation: May cause irritation to the respiratory system.
Skin contact: May cause irritation.
Eye contact: May irritate eyes.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product: No data available.

Dermal
Product: No data available.

Inhalation
Product: No data available.

Repeated dose toxicity
Product: No data available.

Skin corrosion/irritation
Product: May cause skin irritation.
Serious eye damage/eye irritation
Product: May irritate eyes.

Respiratory or skin sensitization
Product: Not a skin sensitizer.

Carcinogenicity
Product: This substance has no evidence of carcinogenic properties.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

No carcinogenic components identified

Germ cell mutagenicity
In vitro
Product: No mutagenic components identified

In vivo
Product: No mutagenic components identified

Reproductive toxicity
Product: No components toxic to reproduction

Specific target organ toxicity - single exposure
Product: None known.

Specific target organ toxicity - repeated exposure
Product: None known.

Aspiration hazard
Product: Not classified

Other effects: None known.

12. Ecological information

Ecotoxicity:
Acute hazards to the aquatic environment:
Fish
Product: No data available.

Aquatic invertebrates
Product: No data available.

Chronic hazards to the aquatic environment:
Fish
Product: No data available.

Aquatic invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.
Persistence and degradability

Biodegradation
Product: There are no data on the degradability of this product.

BOD/COD ratio
Product: No data available.

Bioaccumulative potential
Bioconcentration factor (BCF)
Product: No data available on bioaccumulation.

Partition coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Other adverse effects: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT
Not regulated.

IMDG
Not regulated.

IATA
Not regulated.

15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4): None present or none present in regulated quantities.

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

-急性(立即)
-慢性(延迟)
-易燃
-反应性
-压力生成
SARA 302 Extremely hazardous substance  
None present or none present in regulated quantities.

SARA 304 Emergency release notification  
None present or none present in regulated quantities.

SARA 311/312 Hazardous chemical  
None present or none present in regulated quantities.

SARA 313 (TRI reporting)  
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)  
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):  
None present or none present in regulated quantities.

US state regulations

US. California Proposition 65  
No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act  
No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List  
No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances  
No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK  
No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

<table>
<thead>
<tr>
<th>Country/Inventory List</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia AICS</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>Canada DSL Inventory List</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>EU EINECS List</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>Japan (ENCS) List</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>Korea Existing Chemicals Inv. (KECI)</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>Philippines PICCS</td>
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</tr>
<tr>
<td>US TSCA Inventory</td>
<td>On or in compliance with the inventory</td>
</tr>
<tr>
<td>China Inv. Existing Chemical Substances</td>
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</tr>
<tr>
<td>New Zealand Inventory of Chemicals</td>
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</tr>
<tr>
<td>Japan ISHL Listing</td>
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</tr>
<tr>
<td>Japan Pharmacopoeia Listing</td>
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</tr>
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16. Other information, including date of preparation or last revision

NFPA Hazard ID

![NFPA Hazard Diamond]

- **Flammability**
- **Health**
- **Reactivity**
- **Special hazard**
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 08-20-2014

Revision date: No data available.

Version #: 1.1

Further information: No data available.

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