An ISO9001 Certified Company

Material Safety Data Sheet
Sodium Potassium Tartrate, 10-50%

Section 1 - Chemical Product and Company Identification

MSDS Name:
Sodium Potassium Tartrate, 10-50%

Catalog Numbers:
LC22310, LC24800, LC24820, LC24830

Synonyms:
Rochelle salt solutions

Company Identification:
LabChem Inc
200 William Pitt Way
Pittsburgh, PA 15238

Company Phone Number:
(412) 826-5230

Emergency Phone Number:
(800) 424-9300

CHEMTREC Phone Number:
(800) 424-9300 or
011-703-527-3887

Section 2 – Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name:</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>balance</td>
</tr>
<tr>
<td>6381-59-5</td>
<td>Sodium potassium tartrate, tetrahydrate</td>
<td>10-50</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

Emergency Overview

Appearance: clear, colorless solution

Caution. May cause irritation to eyes and skin.

Target Organs: none known

Potential Health Effects

Eye:
May cause eye irritation.

Skin:
May cause skin irritation.

Ingestion:
May cause gastrointestinal tract irritation.

Inhalation:
Low hazard for usual industrial use.

Chronic:
No information available
Material Safety Data Sheet  
Sodium Potassium Tartrate, 10-50%  

Section 4 - First Aid Measures  

Eyes:  
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.  

Skin:  
Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.  

Ingestion:  
Do not induce vomiting. Get medical aid at once.  

Inhalation:  
Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.  

Notes to Physician:  
Treat symptomatically and supportively.  

Section 5 - Fire Fighting Measures  

General Information:  
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.  

Extinguishing Media:  
For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.  

Autoignition Temperature:  
No information found.  

Flash Point:  
No information found.  

NFPA Rating:  
CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0.  
CAS# 6381-59-5: Health- 1, Flammability- 1, Instability- 0.  

Explosion Limits:  
Lower: n/a Upper: n/a  

Section 6 - Accidental Release Measures  

General Information:  
Use proper personal protective equipment as indicated in Section 8.  

Spills/Leaks:  
Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in suitable containers labeled for later disposal.
Handling:
Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas.

Storage:
Store capped at room temperature. Protect from heat and incompatibles.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>None of the components are on this list</td>
<td>None of the components are on this list</td>
<td>None of the components are on this list</td>
</tr>
<tr>
<td>Sodium potassium tartrate, tetrahydrate</td>
<td>None of the components are on this list</td>
<td>None of the components are on this list</td>
<td>None of the components are on this list</td>
</tr>
</tbody>
</table>

OSHA Vacated PELs:
None.

Personal Protective Equipment

Eyes:
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:
Wear appropriate protective gloves to prevent skin exposure.

Clothing:
Wear appropriate protective clothing to prevent skin exposure.

Respirators:
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

- Physical State: Liquid
- Color: Colorless
- Odor: Odorless
- pH: 5.5 – 8.5
- Vapor Pressure: Not available
- Vapor Density: Not available
- Evaporation Rate: Not available
- Viscosity: Not available
- Boiling Point: Not available
- Freezing/Melting Point: Not available
- Decomposition Temperature: Not available
- Solubility in water: Soluble
- Specific Gravity/Density: Not available
Material Safety Data Sheet
Sodium Potassium Tartrate, 10-50%

Molecular Formula: Not available
Molecular Weight: Not available

Section 10 - Stability and Reactivity

Chemical Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Incompatible materials.

Incompatibilities with Other Materials:
Strong oxidizing agents.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide, sodium oxide, oxides of potassium.

Hazardous Polymerization:
Has not been reported

Section 11 - Toxicological Information

RTECS:
CAS# 7732-18-5: ZC0110000.
CAS# 6381-59-5: unlisted.

LD50/LC50:
CAS# 7732-18-5:
Oral, rat: LD50 = >90 mL/kg.
CAS# 6381-59-5:
No information found.

Carcinogenicity:
CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.
CAS# 6381-59-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:
No information found

Teratogenicity:
No information found

Reproductive:
No information found

Mutagenicity:
No information found

Neurotoxicity:
No information found

Section 12 - Ecological Information

No information found
Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

Section 14 - Transport Information

US DOT
Shipping Name: Not regulated.
Hazard Class: 
UN Number: 
Packing Group: 

Section 15 - Regulatory Information

US Federal
TSCA:
- CAS# 7732-18-5 is listed on the TSCA Inventory.
- CAS# 6381-59-5 is not on the TSCA Inventory; however, its anhydrous form is on the inventory and so this hydrate is exempt from TSCA Inventory requirements (40CFR270.3(u)(2)).

SARA Reportable Quantities (RQ):
None of the components are on this list.

CERCLA/SARA Section 313:
None of the components are on this list.

OSHA - Highly Hazardous:
None of the components are on this list.

US State
State Right to Know:
Not listed.

California Regulations:
None.

European/International Regulations
Canadian DSL/NDSL:
- CAS# 7732-18-5 is listed on Canada's DSL List.
- CAS# 6381-59-5 is not listed on Canada's DSL or NDSL Lists.

Canada Ingredient Disclosure List:
- CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.
- CAS# 6381-59-5 is not listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: August 23, 1998
Revision Date: December 4, 2009

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and LabChem Inc. assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application.