Material Safety Data Sheet
Sulfosalicylic Acid Solutions

Section 1 - Chemical Product and Company Identification

MSDS Name:
Sulfosalicylic Acid Solutions

Catalog Numbers:
LC25530, LC25540, LC25545

Synonyms:
5-Sulfosalicylic Acid, Dihydrate

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>&gt;79</td>
</tr>
<tr>
<td>5965-83-3</td>
<td>Sulfosalicylic Acid</td>
<td>3-20</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

Emergency Overview

Appearance: Clear, colorless to slight pink solution

Danger! Causes serious eye damage. Causes skin irritation. Harmful if swallowed.

Target Organs: Eyes, skin, mucous membranes.

Potential Health Effects

Eye:
Causes eye irritation with possible burns.

Skin:
Cause skin irritation. May be absorbed through the skin.

Ingestion:
May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea.

Inhalation:
May cause irritation of the respiratory tract and mucous membranes.

Chronic:
No information found
Section 4 - First Aid Measures

Eyes:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Skin:
Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

Ingestion:
Do NOT induce vomiting. Give conscious victim 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid at once

Inhalation:
Get medical aid at once. Move victim to fresh air immediately. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

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:
Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

Autoignition Temperature:
No information found.

Flash Point:
No information found.

NFPA Rating:
CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0
CAS# 5965-83-3: Health- 2, 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 with inert material such as sand, vermiculite, or diatomaceous earth, and then place into a suitable container labeled for disposal.

Section 7 - Handling and Storage
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Handling:
Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage:
Store in a cool, dry area. Protect from light.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**
Facilities using or storing this material should be equipped with an eyewash and 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>Sulfosalicylic acid</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. Do not wear contact lenses when working with chemicals.

**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. Always use a NIOSH-approved respirator when necessary.

### Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless to slight pink</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>pH:</td>
<td>Acidic</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing/Melting Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>Soluble</td>
</tr>
<tr>
<td>Specific Gravity/Density:</td>
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</tr>
<tr>
<td>Molecular Formula:</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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Section 10 - Stability and Reactivity

Chemical Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Incompatible materials, light.

Incompatibilities with Other Materials:
Strong oxidizing agents and strong bases.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide, sulfur oxides (SOx), including sulfur oxide and sulfur dioxide.

Hazardous Polymerization:
No information found.

Section 11 - Toxicological Information

RTECS:
CAS# 7732-18-5: ZC0110000.
CAS# 5965-83-3: unlisted.

LD50/LC50:
CAS# 7732-18-5:
Oral, rat: LD50 = >90 mL/kg.
CAS# 5965-83-3:
No information found.

Carcinogenicity:
CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.
CAS# 5965-83-3: 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.
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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# 5965-83-3 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 available
California Regulations:
None

European/International Regulations
Canadian DSL/NDSL:
CAS# 7732-18-5 is listed on Canada's DSL List.
CAS# 5965-83-3 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# 5965-83-3 is not listed on Canada's Ingredient Disclosure List

Section 16 - Other Information

MSDS Creation Date: October 30, 1997
Revision Date: December 21, 2012

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