SECTION 1 – IDENTIFICATION

Product Identifier
Product Name: Micro-Scientific Cool Soak
Product Code: T5

Recommended Use of the Chemical and Restrictions for Use
Recommended Use: Cleaner
Restrictions for Use: Use only as directed.

Details of the Supplier
Manufacturer: Micro-Scientific, LLC
755 Tri-State Parkway
Gurnee, IL 60031 USA
888-253-2536

Emergency Phone Number
24-Hour Number: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification
<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrosive to metals</td>
<td>1</td>
</tr>
<tr>
<td>Skin corrosion</td>
<td>1B</td>
</tr>
<tr>
<td>Serious eye damage</td>
<td>1</td>
</tr>
</tbody>
</table>

Label Elements
Hazard Symbols(s):

Signal Word(s): Danger

Hazard Statement(s): May be corrosive to metals. Causes severe skin burns and eye damage.
Precautionary Statement(s): Keep only in original container. Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Absorb spillage to prevent material damage. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center or doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Store in corrosive resistant container with a resistant inner liner. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other Hazards
No additional information available.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Wt %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>15-40</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Eye Contact: Rinse immediately with water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, seek medical attention immediately.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

Skin: Remove contaminated clothing. Wash with soap and water. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Skin: Causes severe skin burns. Symptoms may include redness, pain, blisters.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Treat for surrounding material.

Unsuitable: None known.

Specific Hazards Arising from Chemical

Products of combustion include but are not limited to: oxides of carbon.

Protective Equipment and Precautions for Firefighters

Keep upwind of fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Use personal protective equipment as required

Environmental Precautions: See Section 12 for ecological information.

Methods and Material for Containment and Cleaning Up

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), and then place in suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment (PPE). Wash the contaminated area with soap and water.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Do not get in eyes, on skin, or on clothing. Do not breathe mist/vapors/spray. Do not swallow. Handle in accordance with good industrial hygiene and safety practice. Wash hands after use. Do not eat, drink, or smoke when using this product.

General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including any Incompatibilities
SAFETY DATA SHEET

Product: Micro-Scientific Cool Soak- T5
Revision Date: 21-Dec-2015

Storage Conditions: Keep out of the reach of children. Store in original container or corrosive resistant and/or lined container. Keep container tightly closed. Store locked up.

Incompatible Materials: Metals.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid 7664-38-2</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of fume, vapor, etc.) below recommended exposure limits.

Individual Protection Measures

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin and Body Protection: Wear suitable protective clothing. Wear latex, rubber, nitrile, or polyethylene gloves.

Eye/Face Protection: Wear approved eye protection (or splash-proof chemical safety goggles) and face protection (face shield).

General Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Violet liquid
Odor: Mild
Odor threshold: Not determined
pH: <1
Melting point/freezing point: Not determined
Initial boiling point and boiling range: Not determined
Flash point: Not determined
Evaporation rate: Not determined
Flammability (solid, gas): Not flammable
Upper/lower flammability or explosive limits: Not determined
Vapor pressure: Not determined
Vapor density: Not determined
Relative density: 1.19
Solubility(ies): Not determined
Partition coefficient (n-octanol/water): Not determined
Auto-ignition temperature: Not determined
Decomposition temperature: Not determined
Viscosity: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions. May be corrosive to metals.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: None under normal use.
SAFETY DATA SHEET

Product: Micro-Scientific Cool Soak- T5

Revision Date: 21-Dec-2015

Conditions to avoid: Heat, incompatible materials
Incompatible materials: Metals
Hazardous decomposition products: May include and are not limited to: oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects
Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion
Information Related to Physical, Chemical, and Toxicological Effects
See section 4 of this SDS.
Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure
Carcinogenicity: NTP: No IARC: No OSHA: No

Numerical Measures of Toxicity

<table>
<thead>
<tr>
<th>Product</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid (7664-38-2)</td>
<td>1530 mg/kg (rat)</td>
<td>2730 mg/kg (rabbit)</td>
<td>&gt;850 mg/m³/1 h (rat)</td>
</tr>
</tbody>
</table>

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not established
Persistence and degradability: Not established
Bioaccumulative potential: Not established
Mobility in soil: No additional information available
Other adverse effects: No additional information available

SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.
Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.
UN1760, Corrosive liquids, n.o.s. (Phosphoric acid), 8, PG II
DOT (Ground): Regulated
IATA (Air): Regulated
IMDG (Vessel): Regulated

SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SECTION 16 – OTHER INFORMATION

Issue Date: 21-Dec-2015
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet