SAFETY DATA SHEET
EACO CHEM, INC.

Issue Date: 10/28/15  Revision Date: 8/3/2018

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: WHITE SCUM PRESOAK

Recommended Use of the Mixture and Restrictions On Use:
Restricted To: For Professional Use Only
Uses Advised Against: Not Recommended for Household Use.

Details of the Supplier of the Safety Data Sheet
Manufacturers Address:
EaCo Chem, Inc.
765 Commerce Avenue
New Castle, PA 16101
724-656-1055

Emergency telephone number:
8:00 AM to 5:00 PM EST Monday-Friday 1-800-313-8505
Non-Business Hours (CHEM-TEL) 1-800-255-3924

2. HAZARDS IDENTIFICATION

2.1 Classification of Mixture
GHS Classification HCS 2012 (29 CFR 1910)

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
<th>Hazard Statements</th>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity – Oral</td>
<td>Category 4</td>
<td>H302</td>
<td>P260, P264, P270, P301+P312, P301+P330+P331</td>
</tr>
<tr>
<td>Skin Corrosion / Irritation</td>
<td>Category 1B</td>
<td>H314</td>
<td>P264, P280, P303+P361+P353, P363, P304+P340, P310, P321</td>
</tr>
<tr>
<td>Eye Damage / Irritation</td>
<td>Category 1</td>
<td>H318</td>
<td>P280, P305+P351+P338, P310</td>
</tr>
<tr>
<td>Specific Target Organs/Systemic Toxicity Following Repeated</td>
<td>Category 2</td>
<td>H373</td>
<td>P260, P301, P312</td>
</tr>
<tr>
<td>Corrosive to Metals</td>
<td>Category 1</td>
<td>H290</td>
<td>P234, P390, P406, P501</td>
</tr>
</tbody>
</table>

2.2 Label Elements HCS 2012 (29 CFR 1910)
PICTOGRAMS

Signal Word: DANGER
Hazard Statements:

<table>
<thead>
<tr>
<th>Hazard #</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H290</td>
<td>May be corrosive to metals.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

Precautionary Statements:

<table>
<thead>
<tr>
<th>Precautionary #</th>
<th>Precautionary Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P202</td>
<td>Do not handle until all safety precautions have been read and understood.</td>
</tr>
<tr>
<td>P273</td>
<td>Avoid release to the environment.</td>
</tr>
<tr>
<td>P234</td>
<td>Keep only in original container.</td>
</tr>
<tr>
<td>P260</td>
<td>Do not breathe dust, fumes or mist.</td>
</tr>
<tr>
<td>P264</td>
<td>Wash arms, hands and face thoroughly after handling.</td>
</tr>
<tr>
<td>P270</td>
<td>Do not eat, drink or smoke when using this product.</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves and eye protection.</td>
</tr>
<tr>
<td>P301+P312</td>
<td>IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.</td>
</tr>
<tr>
<td>P301+P330+P331</td>
<td>IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</td>
</tr>
<tr>
<td>P303+P361+P353</td>
<td>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</td>
</tr>
<tr>
<td>P304+P340</td>
<td>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</td>
</tr>
<tr>
<td>P305+P351+P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>P310</td>
<td>Immediately call a POISON CENTER or physician.</td>
</tr>
<tr>
<td>P321</td>
<td>Specific treatment (Wash areas of contact with water immediately).</td>
</tr>
<tr>
<td>P363</td>
<td>Wash contaminated clothing before reuse.</td>
</tr>
<tr>
<td>P390</td>
<td>Absorb spillage to prevent material damage.</td>
</tr>
<tr>
<td>P406</td>
<td>Store in corrosive resistant container with a resistant inner liner.</td>
</tr>
<tr>
<td>P501</td>
<td>Dispose of contents in accordance with local, state, federal and international regulations.</td>
</tr>
</tbody>
</table>

2.3 Hazards Not Otherwise Classified (HNOC):
Burns from this product may not be immediately painful or evident. Exposures require fluoride specific treatment.

Other Information
3. COMPOSITION/INFORMATION ON MIXTURES

Hazardous Components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Hydrogen Difluoride</td>
<td>1341-49-7</td>
<td>3-7</td>
<td>*</td>
</tr>
<tr>
<td>Oxalic Acid</td>
<td>144-62-7</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15-30</td>
<td>*</td>
</tr>
<tr>
<td>Glycol Ether EB</td>
<td>111-76-2</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Balance</td>
<td>Trade secret</td>
<td>Balance</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Remove contaminated clothing.

**If inhaled**
If breathed in, move person to fresh air. Call a physician. If not breathing, give artificial respiration.

**In case of skin contact**
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. May be absorbed through the skin. Effects may not appear immediately. Consult a physician.

**In case of eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician immediately. Continue rinsing eyes during transport to the hospital.

**If swallowed**
Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed:
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed:
Immediately call a physician. Specific treatment (Wash areas of contact with water immediately.)
5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Not combustible material. Use any means suitable for extinguishing surrounding fire.

5.2 Special hazards arising from the substance or mixture:
Not considered to be a fire or explosion hazard.

5.3 Advice for firefighters:
If evacuation of personnel is necessary, evacuate to an upwind area. Use protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.

5.4 Further information:
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk and avoid run off to waterways or storm drains.

6.2 Environmental precautions:
Do not let product enter drains, waterways or storm drains.

6.3 Methods and materials for containment and cleaning up:
Soak up with inert absorbent material and prepare for disposal. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:
Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes. Keep container closed when not in use.

Additional Protective Measures: Safety showers and eyewash stations should be available. Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

7.2 Conditions for safe storage, including any incompatibilities:
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
7.3 Regulatory Requirements: No data found

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard assessment of all workplaces to determine the need for proper protective equipment for each employee.

Eye Protection: Close fitting safety goggles. Face Protection shield

Skin and Body Protection: Wear protective gloves and protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: liquid, water white
b) Odor: Strong Scent
c) Odor Threshold: Not Determined.
d) pH: 1.5
e) Melting point/freezing point: No data available
f) Initial boiling point and boiling range: > 100 °C (> 212 °F) - lit.
g) Flash point: No data available
h) Evaporation rate: No data available
i) Flammability (solid, gas): Not applicable
j) Upper/lower flammability or explosive limits: No data available
k) Vapor pressure: No data available
l) Vapor density: No data available
m) Relative density: 1.1 g/cm³ at 25 °C (77 °F)
n) Water solubility: Fully Miscible
o) Auto-ignition temperature: Product is not self igniting
p) Decomposition temperature: No data available
q) Viscosity: Water thin
r) Explosive properties: Product does not present an explosion hazard
s) Oxidizing properties: No data available
10. STABILITY AND REACTIVITY
10.1 Reactivity: No data available
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions: No data available
10.4 Conditions to avoid: High heat, strong alkali
10.5 Incompatible materials: Strong alkali and oxidizing compounds
10.6 Hazardous decomposition products: No data available
10.7 Other decomposition products: No data available
10.8 Other Information: In the event of fire: See section 5

11. TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects
Product Information: Causes Burns, Corrosive
   Inhalation: Avoid breathing vapors. May be harmful if inhaled
   Ingestion: Harmful if swallowed
   Eyes: Corrosive and may cause severe damage including blindness
   Skin: Causes burns and blisters with prolonged contact. Burns are not
      immediately evident. Pain does not occur upon immediate contact. Use treatment
      specific for burns caused by fluoride compounds.

   Germ cell mutagenicity: No data available

   Carcinogenicity: This product does not contain any carcinogens or potential
      carcinogens as listed by OSHA, IARC or NTP.

   Reproductive toxicity: No data available

   Specific target organ toxicity - single exposure: No data available

   Specific target organ toxicity - repeated exposure: No data available

   Aspiration hazard: No data available

   Additional Information: No data available

12. ECOLOGICAL INFORMATION
12.1 Toxicity: No data available
12.2 Persistence and Degradability: No data available
12.3 Bioaccumulative Potential: No data available
12.4 Mobility in Soil: No data available
12.5 Other Adverse Ecological Effects: An environmental hazard cannot be excluded
      in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS
Waste Disposal Method: Waste must be disposed of in accordance with federal,
state and local environmental control regulations. Incineration is the preferred method.
Empty Container Precautions: Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Empty decontaminated containers should be crushed to prevent reuse. Do not heat or cut empty container with electric or gas torch.

Contaminated packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION
DOT UN #: 1760
Proper Shipping Name: Corrosive Liquids, N.O.S.
Hazard Class: 8, 6.1
Packing Group: II

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company’s Hazardous Materials/Dangerous Goods expert for information specific to your situation.

15. REGULATORY INFORMATION
This listing is to highlight federal level regulations of the product. Individual states, and other nations may have further regulations not listed below.

Classification of Mixture:

US Federal Regulations:
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS NO</th>
<th>%</th>
<th>SARA 313 - RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Hydrogen Difluoride</td>
<td>1341-49-7</td>
<td>3-7</td>
<td>100#</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>&lt;30.0</td>
<td>20000</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories:

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
US State Right-to-Know Regulations:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>PA</th>
<th>MA</th>
<th>NJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Hydrogen Difluoride</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

HMIS® Hazard Ratings:

<table>
<thead>
<tr>
<th>HMIS®</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
</tr>
<tr>
<td>FIRE</td>
<td>0</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>2</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>C*</td>
</tr>
</tbody>
</table>

4 = EXTREME / 3 = HIGH / 2 = MODERATE / 1 = SLIGHT / 0 = INSIGNIFICANT
*C: Chemical resistant gloves, goggles and apron.

Disclaimer: The Information compiled on this safety data sheet is considered accurate and true from the most current data available. The data and information provided in this safety data sheet is measured to be extremely accurate but there will be variances in data from different sources. Eaco Chem fully disclaims liability for any injury or loss from improper use or mishandling of the product or the product data given in this sheet. The specific data and information given in this sheet is described as reliable and accurate but the data and information can become incomplete given a special circumstance or condition. The parties using this information or material will be held responsible for determining best practice for the safe handling and use under any circumstance. The data and information for this material is for use for this specific product only and not to be combined for any other materials. It is the responsibility of the purchaser and user of this particular material to become familiar with all laws and regulations for disposal of containers, safe handling, and end results of the material for there are many laws and regulations related to each individual material.

END OF SDS