SAFETY DATA SHEET
EACO CHEM, INC.

Issue Date: 01/01/16  Revision Date: 8/3/2018

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

Product Name: BRITE 10 BC

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>Eye Damage / Irritation</td>
<td>1</td>
<td>H318</td>
<td>P280, P305+P351+P338,</td>
</tr>
<tr>
<td>Skin Corrosion/ Irritation</td>
<td>1A</td>
<td>H314</td>
<td>P280, P262, P303+P361+P353, P270, P320</td>
</tr>
<tr>
<td>Acute Toxicity, Oral, Inhalation, Dermal</td>
<td>2</td>
<td>H300</td>
<td>P284,P310,P301+P330+P331, P304+P340 P260, P270, P320, P310</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>H310</td>
<td></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>H300</td>
<td>Fatal if swallowed</td>
</tr>
<tr>
<td>H310</td>
<td>Fatal in contact with skin</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>H330</td>
<td>Fatal if inhaled</td>
</tr>
</tbody>
</table>

Precautionary Statements:

<table>
<thead>
<tr>
<th>Precautionary #</th>
<th>Precautionary Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P260</td>
<td>Do not breathe dust/fume/gas/mist/vapours/spray.</td>
</tr>
<tr>
<td>P262</td>
<td>Do not get in eyes, on skin, or on clothing.</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/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>P284</td>
<td>[In case of inadequate ventilation] wear respiratory protection.</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 [or shower].</td>
</tr>
<tr>
<td>P304+P340</td>
<td>IF INHALED: Remove person to fresh air and keep 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/doctor</td>
</tr>
<tr>
<td>P320</td>
<td>Specific treatment is urgent (See section 4).</td>
</tr>
</tbody>
</table>

2.3 Hazards Not Otherwise Classified (HNOC):
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>Sulfuric Acid</td>
<td>7664-93-9</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Glycol Ether EB</td>
<td>111-76-2</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Hydrofluoric Acid</td>
<td>7664-39-3</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Balance</td>
<td>Trade secret</td>
<td></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. Hydrofluoric (HF) acid burns require immediate and specialized first aid and medical treatment. Symptoms may be delayed up to 24 hours depending on the concentration of HF. After decontamination with water, further damage can occur due to penetration/absorption of the fluoride ion. Treatment should be directed toward binding the fluoride ion as well as the effects of exposure. Skin exposures can be treated with a 2.5% calcium gluconate gel repeated until burning ceases. More serious skin exposures may require subcutaneous calcium gluconate except for digital areas unless the physician is experienced in this technique, due to the potential for tissue injury from increased pressure. Absorption can readily occur through the subungual areas and should be considered when undergoing decontamination. Prevention of absorption of the fluoride ion in cases of ingestion can be obtained by giving milk, chewable calcium carbonate tablets or Milk of Magnesia to conscious victims. Conditions such as hypocalcemia, hypomagnesemia and cardiac arrhythmias should be monitored for, since they can occur after exposure. Move out of dangerous area.

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

**In case of skin contact**
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during

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

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:
No data available.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Water fog, foam, dry chemical powder, Carbon Dioxide (CO2).
5.2 Special hazards arising from the substance or mixture:
Sulphur Oxides, Hydrogen Fluoride

5.3 Advice for firefighters:
Use protective clothing and NIOSH-approved breathing equipment in case of 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 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. Never return spills to original container for reuse.

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). Avoid prolonged exposure. Provide adequate ventilation. Do not mix with other chemicals. Use the product in a manner which minimizes splashes. Keep container closed when not in use.

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. In case of insufficient ventilation, wear suitable respiratory equipment.

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 if needed.

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

Respiratory Protection: 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, Blue color
   b) Odor: Acrid
   c) Odor Threshold: Not Determined.
   d) pH: 1.0
   e) Melting point/freezing point: No data available
   f) Initial boiling point and boiling range: 150°F
   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: 1.1223 g/cm³ at 25 °C (77 °F)
   n) Water solubility: Fully Miscible
   o) Auto-ignition temperature: No data available
   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: Stable under normal storage and transport conditions of use.
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, incompatible material
10.5 Incompatible materials: Strong alkali and reducing agents
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:
   Inhalation: Harmful if inhaled
   Ingestion: Harmful if swallowed
   Eyes: Causes serious eye damage if left untreated.
   Skin: Causes serious skin damage if left untreated.

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: Fluoride ion can reduce serum calcium levels possibly causing fatal hypocalcemia., Material can cause severe burns and blistering which may not be immediately painful or visible. The full extent of tissue damage may not exhibit itself for 12-24 hours after exposure., Material is destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., necrosis of the skin

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 Treatment Method: If possible, recover product for intended use.
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Empty Container Precautions: No data available.

Contaminated packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION
DOT Classification: Corrosive Liquid
DOT Information:
UN#: UN1760
UN Proper Shipping Name: Corrosive Liquid, NOS. Compound Cleaning Liquid.
Transport Class: Class 8 (6.1), Pkg 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.

US Federal Regulations:
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200.

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).
Hydrofluoric Acid CAS# 7664-39-3

SARA 311/312 Hazard Categories:

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

California Proposition 65: This product does contain chemical known to the State of California to cause cancer.
Sulfuric Acid CAS# 7664-93-9

Glycolic Acid CAS# 7732-18-5

Hydrofluoric Acid

16. OTHER INFORMATION

HMIS® Hazard Ratings:

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>3</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, apron and goggles.
Disclaimer: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.

END OF SDS