SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix® Heavy-Duty Tile & Grout Cleaner

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Cleaner

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products
3490 Piedmont Road, Suite 1300
Atlanta, GA 30305

Telephone Number: (562)-598-8808

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)

Serious Eye Damage: Category 1
Skin Corrosion: Category 1B

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD: DANGER!

2.2b HAZARD STATEMENTS
Causes serious eye damage
Causes severe skin burns

2.2c HAZARD PICTOGRAMS

2.2d PRECAUTIONARY STATEMENTS
SAFETY DATA SHEET

i. PREVENTION
Wash hands thoroughly after handling. Do not breathe vapors/mist. Do not eat, drink or smoke while using this product. Use only outdoors or in a well ventilated area. Wear impervious gloves/protection clothing/eye protection.

ii. RESPONSE
If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do NOT induce vomiting.

iii. STORAGE
Store in a well-ventilated place. Stored locked up. Keep container tightly closed.

iv. DISPOSAL
Dispose of contents_containers in accordance with all local, state, provincial, and federal regulations.

2.3 ADDITIONAL INFORMATION

2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED
Not applicable

2.3b UNKNOWN ACUTE TOXICITY
3.65% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1 – 5%*</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>1 – 5%*</td>
</tr>
</tbody>
</table>

*Means that the component will fall into the range specified due to batch-to-batch variability.

Section 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

<table>
<thead>
<tr>
<th>ROUTES OF EXPOSURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact:</td>
<td>In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Routing of exposure | Description
--- | ---
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.

Skin Contact: | Causes severe skin burns. Handling can cause dry skin, discomfort, irritation, and dermatitis.

Inhalation: | May cause respiratory tract irritation.

Ingestion: | May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: Symptoms may not appear immediately.

Specific Treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA

5.2a. Suitable Extinguishing Media: Treat for surrounding material.

5.2b. Unsuitable Extinguishing Media: Not available.

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

5.3a. Products of Combustion: May include, and are not limited to: oxides of carbon

5.3b. Explosion Data
SAFETY DATA SHEET

i. Sensitivity to Mechanical Impact:
   Not available.

ii. Sensitivity to Static Discharge:
   Not available.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS
   Keep upwind of fire. Wear full fire fighting turn-out gear (full bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES
   Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
   Methods for Containment: Recover all usable material. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
   Methods for Cleaning-Up: Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
   Handling: Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally. Good housekeeping is important to prevent accumulation of dust.
   General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
   Storage: Keep out of the reach of children. Keep container tightly closed. Store at room temperature and keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER
   Exposure Guidelines
SAFETY DATA SHEET

8.2 EXPOSURE CONTROLS

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

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]

ii. **Skin Protection:**
   1. **Hand Protection:** Wear impervious gloves, such as nitrile.
   2. **Body Protection:** Wear suitable protective clothing

iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).

iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

---

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (physical state, color, etc.)</td>
<td>Clear Liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not available</td>
</tr>
<tr>
<td>pH:</td>
<td>13.1 – 13.7</td>
</tr>
<tr>
<td>Melting point/Freezing point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>&gt;212°F (&gt;100°C)</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;200°F (&gt;93.3°C)</td>
</tr>
<tr>
<td>Evaporation rate (Water=1):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Upper Flammability/Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammability/Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>0.99 – 1.05 g/mL</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Miscible</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water:</td>
<td>Not available</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity (cps)</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC Content</td>
<td>&lt;30 g/L</td>
</tr>
</tbody>
</table>

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY
No dangerous reaction known under conditions of normal use.

10.2. CHEMICAL STABILITY
Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION
No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID
Heat. Incompatible materials.

10.5. INCOMPATIBLE MATERIALS
Strong acids. Strong Oxidizers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS
Upon decomposition, this product may yield oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:
Skin contact, eye contact, inhalation, and ingestion.

11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

- **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.

- **Skin Contact**: Causes severe skin burns. Handling can cause dry skin, discomfort, irritation, and dermatitis.

- **Inhalation**: May cause respiratory tract irritation.

- **Ingestion**: May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>2.21 mg/L 4hr, rat</td>
<td>Oral: 880 mg/kg, rat</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Carcinogenicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Chemical Listed as Carcinogens or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>I-3</td>
</tr>
</tbody>
</table>

11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

**SHORT-TERM**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Causes severe skin burns</td>
</tr>
<tr>
<td>Serious Eye Damage/Irritation</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>Respiratory Sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-Single Exposure</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**LONG-TERM**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-Repeated Exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Synergistic/Antagonistic Effects</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Section 12: ECOLOGICAL INFORMATION

12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC50/NOEC-48 Hours</th>
<th>LC50/NOEC-96 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

12.2. PERSISTENCE AND DEGRADABILITY

Not available

12.3. BIOACCUMULATIVE POTENTIAL

Not available

12.4. MOBILITY IN SOIL

Not available

12.5. OTHER ADVERSE EFFECTS

Not available

Section 13: DISPOSAL CONSIDERATIONS
13.1. DISPOSAL METHOD
Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

13.2. OTHER DISPOSAL CONSIDERATIONS
Not available.

Section 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT (U.S.)</th>
<th>TDG (CANADA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NUMBER:</td>
<td>UN NUMBER:</td>
</tr>
<tr>
<td>UN3266</td>
<td>UN3266</td>
</tr>
<tr>
<td>UN PROPER SHIPPING NAME:</td>
<td>UN PROPER SHIPPING NAME:</td>
</tr>
<tr>
<td>Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)</td>
<td>Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)</td>
</tr>
<tr>
<td>TRANSPORT HAZARD CLASS (ES):</td>
<td>TRANSPORT HAZARD CLASS (ES):</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>PACKING GROUP (if applicable):</td>
<td>PACKING GROUP (if applicable):</td>
</tr>
<tr>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>Limited Quantity Exception &lt;= 5L</td>
<td>Limited Quantity Exception &lt;= 5L</td>
</tr>
</tbody>
</table>

SUMMARY: Product is regulated under DOT/TDG and other transportation regulations.

14.1. ENVIRONMENTAL HAZARDS
Not available.

14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE
Not available.

14.3. SPECIAL PRECAUTIONS FOR USER
Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.


15.2. US FEDERAL INFORMATION:
### 15.3. US STATE RIGHT TO KNOW LAWS:

- **California Proposition 65:** This product does **NOT** contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

- **Other U.S. States “Right to Know” Lists:**
  - **New Jersey:**
    - Water: CAS#7732-18-5
    - Sodium hydroxide: CAS#1310-73-2
    - Ethylene glycol monobutyl ether: CAS#111-76-2
    - Edetic acid: CAS#60-00-4
  - **Pennsylvania:**
    - Water: CAS#7732-18-5
    - Sodium hydroxide: CAS#1310-73-2
    - Ethylene glycol monobutyl ether: CAS#111-76-2
    - Edetic acid: CAS#60-00-4
  - **Massachusetts:**
    - Water: CAS#7732-18-5
    - Sodium hydroxide: CAS#1310-73-2
    - Ethylene glycol monobutyl ether: CAS#111-76-2
    - Edetic acid: CAS#60-00-4
  - **Minnesota:**
    - Water: CAS#7732-18-5
    - Sodium hydroxide: CAS#1310-73-2
    - Ethylene glycol monobutyl ether: CAS#111-76-2
    - Edetic acid: CAS#60-00-4
  - **Florida:**
    - Not Available
  - **Michigan:**
    - Not Available

### 15.4. GLOBAL INVENTORIES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>USA TSCA</th>
<th>Canada DSL/NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Yes</td>
<td>DSL</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>Yes</td>
<td>DSL</td>
</tr>
</tbody>
</table>
15.5. NFPA AND HMIS RATINGS:

**Hazard Index**

<table>
<thead>
<tr>
<th>4</th>
<th>Severe Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Serious Hazard</td>
</tr>
<tr>
<td>2</td>
<td>Moderate Hazard</td>
</tr>
<tr>
<td>1</td>
<td>Slight Hazard</td>
</tr>
</tbody>
</table>

**CP65** California Proposition 65

**OSHA (O)** Occupational Safety and Health Administration

**ACGIH (G)** American Conference of Governmental Industrial Hygienists
- A1 – Confirmed human carcinogen
- A2 – Suspected human carcinogen
- A3 – Animal carcinogen
- A4 – Not classifiable as a human carcinogen
- A5 – Not suspected a human carcinogen

**IARC (I)** International Agency for Research on Cancer
- 1 – The agent (mixture) is carcinogenic to humans
- 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th></th>
<th>evidence of carcinogenicity in experimental animals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2B</td>
<td>The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.</td>
</tr>
<tr>
<td>3</td>
<td>The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</td>
</tr>
<tr>
<td>4</td>
<td>The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NTP (N)</th>
<th>National Toxicology Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Known to be carcinogens</td>
</tr>
<tr>
<td>2</td>
<td>Reasonably anticipated to be carcinogens</td>
</tr>
</tbody>
</table>

Section 16: OTHER INFORMATION

Date of Preparation: May 29, 2015
Version: 3.1
Revision Date: July 5, 2016

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by: Custom Building Products
Phone: (562)-968-2980
www.custombuildingproducts.com

End of Safety Data Sheet