SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
Product Name: GACOWASH CONCENTRATED CLEANER
Product Code: GWCLNR-1, GWCLNR-5, GWCLNR-Q

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE
Product Use: Architectural Coating and Waterproofing

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Name/Address: Gaco Western LLC
1245 Chapman Dr.
Waukesha, WI, 53186-5942
USA
Telephone Number: 800-331-0196 / International: 001-800-331-0196
Email: sds@gaco.com
Website: www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER
For Chemical Emergency
Spill, Leak, Fire, Exposure, or Incident
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL
Hazard class:

<table>
<thead>
<tr>
<th>HAZARD CLASSIFICATION</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>2</td>
</tr>
<tr>
<td>Eye Damage/Irritation</td>
<td>1</td>
</tr>
</tbody>
</table>

2.2 LABEL ELEMENTS
Hazard pictogram: GHS05
Signal word: Danger

Hazard statement: Causes skin irritation
Causes serious eye damage

Prevention: Wash thoroughly after handling.
Wear protective eye protection/face protection.

Response: Specific treatment (see Section 8 on this label).
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation 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.
Immediately call a poison center/doctor.

Storage: Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION
Main symptoms: Skin irritation. May cause redness and pain. Causes severe eye damage.
Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Hazards not otherwise specified: None Known

0% of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrasodium ethylenediamine tetraacetate</td>
<td>64-02-8</td>
<td>7-13%</td>
</tr>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivs., compounds with triethanolamine</td>
<td>68584-25-8</td>
<td>7-13%</td>
</tr>
<tr>
<td>Alcohol Ethoxylate</td>
<td>66455-15-0</td>
<td>5-10%</td>
</tr>
<tr>
<td>Nitrilotriacetate, trisodium salt (NTA)</td>
<td>5064-31-3</td>
<td>0.1-1.0%</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

4.1 DESCRIPTION OF THE FIRST AID MEASURES

General information: Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Skin irritation. May cause redness and pain. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to physicians: Treat symptomatically.
Specific treatments: In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

General hazards: No unusual fire or explosion hazard.
Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)
Unsuitable extinguishing media: Do not use water jet as an extinguisher as this will spread the fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Specific hazards: During fire, gases hazardous to health may be formed.
Products of combustion: May include, and are not limited to: oxides of carbon.

5.3 Special protective equipment and precautions for fire-fighters (PPE)

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire-fighting procedures: Keep upwind of fire. Move containers from fire area if you can do it without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For personal protection, see Section 8 of this SDS.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

Methods for containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning-up: Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.
Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

SECTION 7: HANDLING AND STORAGE
7.1 PRECAUTIONS FOR SAFE HANDLING

Safe handling advice: Observe good industrial hygiene practices.
General hygiene advice: Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Store away from incompatible materials.
Specific use: Architectural Coating and Waterproofing
Technical measures: No specific recommendations.
Incompatible materials: Strong Acids, Oxidizers, Bases
Safe storage: Store away from incompatible materials.
Safe packaging material: No specific recommendations.
Precautions: Use personal protective recommended in Section 8 of the SDS.
Safe handling advice: Observe good industrial hygiene practices.
Suitable storage conditions: Store away from incompatible materials.
Handling-technical measures: No specific recommendations.
Local and general ventilation: Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Control parameters: Follow standard monitoring procedures.

Exposure limits: None

8.2 EXPOSURE CONTROLS

Engineering measures to reduce exposure:
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

8.3 INDIVIDUAL PROTECTIVE MEASURES

General: Use personal protective equipment as required.
Eye protection: Wear safety glasses with side shields (or goggles) and a face shield.
Hand protection: Wear appropriate chemical resistant gloves.
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin and body protection: Wear suitable protective clothing.
Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Control parameters: Follow standard monitoring procedures.
Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls: Environmental manager must be informed of all major releases.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear liquid
- **Color:** Colorless
- **Form:** Liquid
- **Odor:** Mild Vinegar
- **Odor Threshold:** Not available
- **Physical State:** Liquid
- **pH (at 20°C):** ~8
- **Melting Point/Freezing Point:** Not available
- **Initial Boiling Point and Boiling Range:** Not available
- **Flash Point:** Not available
- **Evaporation Rate:** Not available
- **Flammability (solid, gaseous):** Not Flammable
- **Lower Flammability/Explosive Limit:** Not available
- **Upper Flammability/Explosive Limit:** Not available
- **Evaporation rate:** Not available
- **Vapor Pressure (mm Hg @38°C):** Not available
- **Vapor Density:** Not available
- **Density (lb/gal):** 8.6
- **Relative Density/Specific Gravity:** 1.03
- **Solubility in water/miscibility:** Highly soluble
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition Temperature:** Not available
- **Decomposition Temperature:** Not available
- **Viscosity (at 20°C) g/L:** Not available
- **Oxidizing Properties:** Mild oxidizer
- **Explosive Properties:** Not available
- **VOC %:** Not available
- **Solvent content - Organic:** Not available
- **Solvent content - Water:** Not available
- **Solvent content - Solids:** Not available
- **Other information:** Not available
- **Incompatibilities:** Strong Acids, Oxidizers, Bases

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**SECTION 10: STABILITY AND REACTIVITY**

**10.1 REACTIVITY**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.2 CHEMICAL STABILITY**

- **Chemical stability:** Material is stable under normal conditions.
- **Materials to avoid:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

- **Hazardous reactions:** No dangerous reaction known under conditions of normal use.

**10.4 CONDITIONS TO AVOID**

Contact with incompatible materials.

**10.5 INCOMPATIBLE MATERIALS**

Strong Acids, Oxidizers, Bases
10.6 HAZARDOUS DECOMPOSITION PRODUCTS
Hazardous decomposition products: No hazardous decomposition products are known.
Hazardous polymerization: Does not occur.
Other information: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Likely routes of exposure: Skin contact. Eye contact.

- Eye: Causes serious eye damage.
- Skin: Causes skin irritation.

Ingestion: Not an expected route of exposure. Expected to be a low ingestion hazard.

Inhalation: Not an expected route of exposure. No adverse effects due to inhalation are expected.

LD50/LC50 values relevant to this classification:

- Tetrasodium ethylenediamine tetraacetate
  - Oral rat LD50 1780 < 2000 mg/kg bw
  - Oral rat LD50 2581 mg/kg bw
  - Oral rat LD50 1210 < 1780 mg/kg bw
  - Oral rat LD50 2700 mg/kg bw
  - Oral rat LD50 1700 mg/kg bw
  - Oral rat LD50 3200 mg/kg bw

- Nitrilotriacetate, trisodium salt (NTA)
  - Oral rat LD50 1740 mg/kg bw
  - Oral rat LD50 1100-1680 mg/kg bw
  - Oral rat LD50 2595 mg/kg bw
  - Oral rat LD50 1450 mg/kg (combined)
  - Inhal rat LC0 >5000 mg/L air (no deaths)
  - Inhal rat LC0 2,307 mg/L air 4days (no deaths)
  - Inhal rat LC50 4.25 mg/L air 30min
  - Derm rabbit LD50 >2000 mg/kg bw
  - Derm (3) rabbit LD0 >10000 mg/kg bw (no deaths)
  - Derm rabbit LD0 >2000 mg/kg bw (no deaths)

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th>LC50 (inhalaion)</th>
<th>LD50 (oral)</th>
<th>LD50 (dermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;5 mg/kg (dust and mist)</td>
<td>2000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
</tr>
</tbody>
</table>

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

- Skin corrosion/irritation: Causes skin irritation.
- Serious eye damage/irritation: Causes serious eye damage.
- Respiratory sensitization: Based on available data, this product is not expected to cause respiratory sensitization.
Skin sensitization: Based on available data, this product is not expected to cause skin sensitization.

Symptoms and target organs: Skin irritation. May cause redness and pain. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Chronic health effects: No chronic health effects known.

Carcinogenicity: This product is not classified as a carcinogen.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity (STOT):
- Single Exposure: Not classified as an STOT - Single Exposure.
- Repeated Exposure: Not classified as an STOT - Repeated Exposure.

Aspiration Toxicity: Based on available data, this product is not expected to cause aspiration toxicity.

Other Information: Not available.

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 ECOTOXICITY

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Acute aquatic toxicity: The product is not classified as acutely environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chronic toxicity: The product is not classified as having a chronic environmental hazard. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Environmental effects: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2 PERSISTENCE AND DEGRADABILITY

Persistence/biodegradability: The product contains substances which are not expected to be readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available.

12.4 MOBILITY

Mobility: No data available.

Mobility in soil: No data available.

Mobility in non-soil: No data available.

12.5 OTHER ADVERSE EFFECTS

Ozone layer: No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 WASTE TREATMENT METHODS

Disposal method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in
accordance with all local, regional, national and international regulations.

**EU codes:**
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Residual waste:**
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Disposal instructions:**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Waste codes:**
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** None

### SECTION 14: TRANSPORT INFORMATION

**DOT Non-Bulk**
Not classified as Dangerous Goods for Transport

**DOT Bulk**
Not classified as Dangerous Goods for Transport

**IMDG**
Not classified as Dangerous Goods for Transport

**ICAO/IATA**
Not classified as Dangerous Goods for Transport

**Reportable quantity:**

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

### SECTION 15: REGULATORY INFORMATION

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

**US Federal Regulations:**

No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**SARA/CERCLA reporting requirements:**
The following components of this product are subject to SARA/CERCLA reporting requirements.

<table>
<thead>
<tr>
<th>Material</th>
<th>SARA 302 (EHSS) TQ</th>
<th>SARA 304 EHSS RQ</th>
<th>CERCLA RQ</th>
<th>SARA 313 listed</th>
<th>RCRA CODE</th>
<th>CAA 112(r) TQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Not listed</td>
<td>Not listed</td>
<td>1,000</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**State Right-to-Know Regulations**
The following components of this product are subject to state Right-to-Know reporting.
Global Inventories:

<table>
<thead>
<tr>
<th>Material</th>
<th>California Proposition 65</th>
<th>Massachusetts Right-to-Know</th>
<th>Minnesota Employee Right-to-Know</th>
<th>New Jersey Community Environmental Hazard Right-to-Know</th>
<th>New Jersey Right-to-Know Substance</th>
<th>Pennsylvania Right-to-Know</th>
<th>Rhode Island Right-to-Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrilotriacetate, trisodium salt (NTA)</td>
<td>Not listed</td>
<td>Yes</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Ammonium sulfate</td>
<td>Not listed</td>
<td>Yes</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Yes</td>
<td>Not listed</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>Not listed</td>
<td>Yes</td>
<td>Yes</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Notification status:

- **US - TSCA**: All substances are listed
- **Canada - DSL**: All substances are listed
- **Canada - NDSL**: No substances are listed
- **EU - EINECS**: Not all substances are listed
- **EU - ELINCS**: No substances are listed
- **EU - NLP**: No substances are listed
- **Australia – AICS**: Not all substances are listed
- **China - EICSC**: Not all substances are listed
- **Japan - ENCS**: All substances are listed
- **Korea - KECI**: Not all substances are listed
- **Taiwan - NECI**: All substances are listed
- **New Zealand - NZIoC**: Not all substances are listed
- **Philippine - PICCS**: Not all substances are listed

EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification:

D2A, D2B, E

MEXICO:

- Hazard Classification: 3-1-0
- Carcinogen Status: No data available.

SECTION 16: OTHER INFORMATION

HMIS (Hazardous Materials Identification System) rating:

- **Health**: 3
- **Flammability**: 1
- **Physical**: 0
NFPA 704 (National Fire Protection Association) rating:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>3</td>
</tr>
<tr>
<td>Fire</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

Legend:
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- IMDG: International Maritime Dangerous Goods
- ACGIH: American Conference of Governmental Industrial Hygienists
- NTP: National Toxicology Program
- IARC: International Agency for Research on Cancer
- PPE: Personal Protective Equipment
- RCRA: Resource Conservation and Recovery Act
- CAA: Clean Air Act
- SARA: Superfund Amendments and Reauthorization Act
- EPCRA: Emergency Planning and Community Right-to-Know Act
- WHMIS: Workplace Hazardous Materials Information System
- EU: European Union
- REACH: Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
- CERCLA: Comprehensive Environmental Response, Compensation and Liability Act
- TSCA: US Toxic Substances Control Act (TSCA)
- DSL: Canada Domestic Substance List (DSL)
- NDSL: Canada Non-Domestic Substance List (NDSL)
- EINECS: European Inventory of Existing Commercial Chemical Substances (EINECS)
- ELINCS: European List of Notified Chemical Substances (ELINCS)
- NLP: European list of No-longer Polymers (NLP)
- AICS: Australian Inventory of Chemical Substances (AICS)
- EICSC: China Existing Chemical Inventory - IECSC
- ENCS: Japanese Existing and New Chemical Substances Inventory(ENCS)
- KECI: Korea Existing Chemicals Inventory(KECI)
- NECI: Taiwan National Existing Chemical Inventory (NECI)
- NZIoC: New Zealand Inventory of Chemicals (NZIoC)
- PICCS: Philippine Inventory of Chemicals and Chemical Substances (PICCS)
- HMIS: Hazardous Materials Identification System
- NFPA: National Fire Protection Association (NFPA)

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Revision Date: October 14, 2014
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Prepared by: Gaco Western LLC

End of Safety Data Sheet