# 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Product Name: TRIBASE MULTI PURPOSE CLEANER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number:</td>
<td>3830C</td>
</tr>
<tr>
<td>Recommended Use:</td>
<td>Cleaning agent</td>
</tr>
<tr>
<td>Uses Advised Against:</td>
<td>For Industrial and Institutional Use Only</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer/Supplier: Spartan Chemical Company, Inc.</th>
<th>Canadian Agent: Perley-Robertson, Hill &amp; McDougal, LLP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maumee, Ohio 43537 USA</td>
<td>340 Albert Street, Suite 1400</td>
</tr>
<tr>
<td>800-537-8990 (Business hours)</td>
<td>Ottawa, ON, Canada K1R 0A5</td>
</tr>
<tr>
<td><a href="http://www.spartanchemical.com">www.spartanchemical.com</a></td>
<td></td>
</tr>
</tbody>
</table>

| Medical Emergency/Information: 888-314-6171 (24 Hour) |

# 2. HAZARDS IDENTIFICATION

**GHS Classification**
Serious Eye Damage/Eye Irritation: Category 2A

**GHS Label Elements**
Signal Word: Warning

**Symbols:**

**Hazard Statements:** Causes serious eye irritation

**Precautionary Statements:**
Prevention: Wear eye / face protection
Wash hands and any exposed skin thoroughly after handling.

Response:
- **Eyes**
  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 attention.

- **Specific Treatment:**
  See Safety Data Sheet Section 4: “FIRST AID MEASURES” for additional information.

**Storage:** Not Applicable
**Disposal:** Not Applicable

**Hazards Not Otherwise Classified:** Not Applicable

**Other Information:**
- May cause skin irritation.
- May be harmful if swallowed.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

# 3. COMPOSITION / INFORMATION ON INGREDIENTS
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>80-100</td>
</tr>
<tr>
<td>alkyl polyglucoside</td>
<td>68515-73-1</td>
<td>1-5</td>
</tr>
<tr>
<td>alcohol ethoxylate</td>
<td>68991-48-0</td>
<td>1-5</td>
</tr>
<tr>
<td>ethoxylated alkyl quaternary</td>
<td>61791-10-4</td>
<td>1-5</td>
</tr>
<tr>
<td>alkyl polyglucoside</td>
<td>110615-47-9</td>
<td>1-5</td>
</tr>
</tbody>
</table>

The actual concentrations of the components in this product have been withheld as trade secrets.

This product contains a fragrance.

### 4. FIRST AID MEASURES

- **Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
- **Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.
- **Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**Note to Physicians:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire.

**Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.

**Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

**Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.

**Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

### 7. HANDLING AND STORAGE

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

**Suggested Shelf Life:** Minimum of 2 years from date of manufacture.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** None established.

**Engineering Controls:** Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

**Personal Protective Equipment**

- **Eye/Face Protection:** Wear splash goggles.
- **Skin and Body Protection:** Not required with expected use.
Respiratory Protection: Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.


9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance/Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>dark yellow</td>
</tr>
<tr>
<td>Odor:</td>
<td>Pleasant</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>No information available.</td>
</tr>
<tr>
<td>pH:</td>
<td>Undiluted: 9.0-10.0 / Diluted 1:64: 7.0-8.0</td>
</tr>
<tr>
<td>Melting Point / Freezing Point:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Boiling Point / Boiling Range:</td>
<td>100 °C / 212 °F</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>&gt; 100 °C / &gt; 212 °F ASTM D56</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>&lt; 1 (BuAc = 1)</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper Flammability Limit:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Lower Flammability Limit:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.011</td>
</tr>
<tr>
<td>Solubility(ies):</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Partition Coefficient:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Autoignition Temperature:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Not expected to occur with normal handling and storage.

Conditions to Avoid: Extremes of temperature and direct sunlight.


Hazardous Decomposition Products: May include carbon monoxide, carbon dioxide (CO2) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:
- Eye Contact: Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
- Skin Contact: Drying of the skin.
- Inhalation: Nasal discomfort and coughing.
- Ingestion: Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects:

Product Information: Data not available or insufficient for classification.

Numerical Measures of Toxicity:
The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 55209 mg/kg

Component Acute Toxicity Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No information available.

Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

TDG / DOT: Not Regulated
Proper Shipping Name: Non-Hazardous Product
Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated
Proper Shipping Name: Non-Hazardous Product

15. REGULATORY INFORMATION

DSL / NDSL Status: (Domestic Substances List / Non-Domestic Substances List)
The chemical substances in this product are included on or exempt from listing on the Canadian DSL / NDSL.

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)
All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313
This product does not contain listed substances above the “de minimus” level

SARA 311/312 Hazard Categories
Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

16. OTHER INFORMATION

NFPA
Health Hazards: 2 Flammability: 0 Instability: 0 Special: N/A
HMIS
Health Hazards: 2 Flammability: 0 Physical Hazards: 0

Revision Date: 01-Aug-2018
Reasons for Revision: Section 3 and 9
Disclaimer:
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 a 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 designated 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