1 Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>ActiClean™ Gel</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS #</td>
<td>Glass cleaner</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>None known</td>
</tr>
</tbody>
</table>
| Manufacturer information | Trojan Technologies  
3020 Gore Road  
London, ON N5V 4T7 CA  
Phone: 519-457-3400  
Phone: 888-220-6118  |
| CANUTEC               | Phone: 613-996-6666 |

2 Hazards Identification

| Physical hazards          | Not classified |
| Health hazards            | Not classified |
| Environmental hazards     | Not classified |
| WHMIS 2015 defined hazards| Not classified |

Label elements

- Hazard symbol: None
- Signal word: None
- Hazard statement: The mixture does not meet the criteria for classification.

Precaution statement

- Prevention: Observe good industrial hygiene practices.
- Response: Wash hands after handling.
- Storage: Store away from incompatible materials.
- Disposal: Dispose of waste and residues in accordance with local authority requirements.

WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC) None known

WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC) None known

Hazard(s) not otherwise classified (HNOC) None known

Supplemental information None

3 Composition/Information on Ingredients

Mixture Composition comments This product is considered non-hazardous by WHMIS/OSHA criteria.
## 4 First Aid Measures

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Hold eye open and rinse gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Rinse mouth. Do not induce vomiting. If vomiting occurs, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or convulsing.</td>
</tr>
<tr>
<td>Most important symptoms/effects, acute and delayed</td>
<td>Direct contact with eyes may cause temporary irritation.</td>
</tr>
<tr>
<td>Indication of immediate medical attention and special treatment needed</td>
<td>Treat patient symptomatically.</td>
</tr>
<tr>
<td>General Information</td>
<td>If feeling unwell, seek medical advice (show the label and SDS where possible). Ensure medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid contact with eyes and skin. Keep out of reach of children.</td>
</tr>
</tbody>
</table>

## 5 Fire Fighting Measures

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable extinguishing media</td>
<td>Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).</td>
</tr>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Do not use water jet as an extinguisher, as this will spread the fire.</td>
</tr>
<tr>
<td>Specific hazards arising from the chemical</td>
<td>During fire, gases hazardous to health may be formed.</td>
</tr>
<tr>
<td>Special protective equipment and precautions for firefighters</td>
<td>Self-contained breathing apparatus and full protective clothing must be worn in case of fire.</td>
</tr>
<tr>
<td>Fire-fighting equipment/instructions</td>
<td>Move containers from fire area if you can do so without risk.</td>
</tr>
<tr>
<td>Specific methods</td>
<td>Use standard firefighting procedures and consider the hazards of other involved materials.</td>
</tr>
<tr>
<td>General fire hazards</td>
<td>No unusual fire or explosion hazards noted.</td>
</tr>
<tr>
<td>Hazardous combustion Products</td>
<td>May include and are not limited to: Oxides of carbon.</td>
</tr>
</tbody>
</table>

## 6 Accidental Release Measures

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions, protective equipment and emergency procedures</td>
<td>Keep unnecessary personnel away. For personal protection, refer to Section 8.</td>
</tr>
<tr>
<td>Methods and materials for containment and cleanup</td>
<td>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</td>
</tr>
<tr>
<td></td>
<td>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</td>
</tr>
<tr>
<td>Environmental precautions</td>
<td>Never return spills to original containers for re-use. For waste disposal, refer to Section 13.</td>
</tr>
</tbody>
</table>
7 Handling and Storage

Precautions for safe handling
Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.

Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store away from incompatible materials (refer to Section 10). Keep out of reach of children.

8 Exposure Controls/Personal Protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
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 below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment, Eye/face protection
Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection:
Hand protection
Impervious gloves. Confirm with reputable supplier first.

Other
Wear suitable protective clothing. As required by employer code.

Respiratory protection
Not normally required.

Thermal hazards
Not applicable

General hygiene considerations
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. When using do not eat or drink.

9 Physical and Chemical Properties

Appearance
Gel

Physical State
Liquid

Form
Gel

Colour
Off-white

Odor
Odorless

Odor Threshold
Not available

pH
1

Melting Point / Freezing Point
-5°C (-23°F)

Initial Boiling Point
> 100°C (> 212°F)

Pour Point
Not available

Specific gravity
1.1

Partition coefficient
(n-octanol/water)
Not available

Flash Point
Not available

Evaporation Rate
Not available

Flammability (solid, gas)
Not applicable

Upper/Lower Explosive Limits
Not available

Vapor Pressure
Not available

Vapor Density
Not available

Relative Density
Not available

Solubility(ies)
Not available

Auto-ignition Temperature
Not available
Decomposition Temperature | Not available
Viscosity | Viscous

Other information:

Explosive properties | Not explosive
Oxidizing properties | Not oxidizing

### 10 Stability and Reactivity

| Reactivity | Reacts violently with strong alkaline substances. This product may react with reducing agents. This product may react with strong oxidizing agents. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Chemical stability | Material is stable under normal conditions. |
| Conditions to avoid | Do not mix with other chemicals. |
| Incompatible materials | Not corrosive to SAE 1020 Steel or non-clad Aluminum based on test data (UN Manual of Tests and Criteria, Part III, Section 37.1 - Corrosion to metals). May react with soft metals such as aluminum and zinc producing flammable hydrogen gas, Caustics, and Lead. |
| Hazardous decomposition products | May include and are not limited to: Oxides of carbon. |

### 11 Toxicological Information

**Routes of exposure**

- Eye, Skin contact, Inhalation, Ingestion.

**Information on likely routes of exposure**

**Ingestion**

- Expected to be a low ingestion hazard. May cause stomach distress, nausea or vomiting.

**Inhalation**

- Health injuries are not known or expected under normal use.

**Skin contact**

- Not corrosive or irritating to skin based on test data.

**Eye contact**

- Not corrosive or irritating to eyes based on test data.

**Symptoms related to the physical, chemical and toxicological characteristics**

- Direct contact with eyes may cause temporary irritation.

**Information on toxicological effects**

| Acute toxicity | Not available |
| Skin corrosion/irritation | Prolonged skin contact may cause temporary irritation. |
| Exposure minutes | Not available |
| Erythema value | Not available |
| Oedema value | Not available |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. |
| Corneal opacity value | Not available |
| Iris lesion value | Not available |
| Conjunctival reddening value | Not available |
| Recover days | Not available |

**Respiratory or skin sensitization**

| Respiratory sensitization | Not a respiratory sensitizers. |
| Skin sensitization | This product is not expected to cause skin sensitization. |

**Mutagenicity**

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

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Crystalline silica (CAS 14808-60-7)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed

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

Teratogenicity
Not available

Specific target organ toxicity
Not classified

Specific target organ toxicity (single exposure)
Not classified

Specific target organ toxicity (repeated exposure)
Not classified

Aspiration hazard
Not an aspiration hazard.

12 Ecological Information

Ecotoxicity
Not available

Persistence and degradability
Not available

Bioaccumulative potential

Mobility in soil
Not available

Mobility in general
Not available

Other adverse effects
Not available

13 Disposal Information

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Dispose in accordance with all applicable regulations.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
 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).

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14 Transport Information

Transport of Dangerous Goods (TDG) Proof of Classification
In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods. Regulations, we certify that the classification of this product is correct as of the SDS date of issue.

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)
Not regulated as dangerous goods.
SAFETY DATA SHEET

15. Regulatory Information

Canadian federal regulations
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Canada DSL Challenge Substances: Listed substance
Crystalline silica (CAS 14808-60-7) Listed

Export Control List (CEPA 1999, Schedule 3) Not listed
Greenhouse Gases Not listed
Precursor Control Regulations Not regulated

WHMIS 2015 Classifications Not applicable

US federal regulations
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated
CERCLA Hazardous Substance List (40 CFR 302.4)
Phosphoric acid (CAS 7664-38-2) Listed

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No
SARA 311/312 Hazardous chemical No
SARA 313 (TRI reporting) Not regulated

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated

US state regulations
US - California Hazardous Substances (Director's): Listed substance
Phosphoric acid (CAS 7664-38-2) Listed

Phosphoric acid (CAS 7664-38-2) Listed

US - Louisiana Spill Reporting: Listed substance
Phosphoric acid (CAS 7664-38-2) Listed

US - Minnesota Haz Subs: Listed substance
Crystalline silica (CAS 14808-60-7) Listed
Phosphoric acid (CAS 7664-38-2) Listed
Urea (CAS 57-13-6) Listed

US - New Jersey RTK - Substances: Listed substance
Crystalline silica (CAS 14808-60-7)
Phosphoric acid (CAS 7664-38-2)
SAFETY DATA SHEET

US - Texas Effects Screening Levels: Listed substance
   Crystalline silica (CAS 14808-60-7) Listed
   Phosphoric acid (CAS 7664-38-2) Listed
   Urea (CAS 57-13-6) Listed

US. Massachusetts RTK - Substance List
   Crystalline silica (CAS 14808-60-7)
   Phosphoric acid (CAS 7664-38-2)

US. New Jersey Worker and Community Right-to-Know Act
   Not regulated

US. Pennsylvania Worker and Community Right-to-Know Law
   Crystalline silica (CAS 14808-60-7)
   Phosphoric acid (CAS 7664-38-2)

US. Rhode Island RTK
   Phosphoric acid (CAS 7664-38-2)

US. California Proposition 65
   WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
   Crystalline silica (CAS 14808-60-7) Listed: October 1, 1988

Inventory status
   Country(s) or region | Inventory name                  | On inventory (yes/no)*
   Canada              | Domestic Substances List (DSL)  | Yes
   Canada              | Non-Domestic Substances List (NDSL) | No
   United States & Puerto Rico | Toxic Substances Control Act (TSCA) | Yes

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

16. Other Information

Disclaimer
   The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

NFPA Code
   (Health: 1)  (Flammability: 0)  (Reactivity: 0)
   Issue Date  22-January-2018
   Version #  01
   Effective Date  22-January-2018
   Prepared by  Manufacturer Personnel

Other Information
   For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.