

# SAFETY DATA SHEET

## 1 Product and Company Identification

<b>Product identifier</b>	ActiClean™ Gel		
<b>CAS #</b>	Glass cleaner		
<b>Recommended restrictions</b>	None known		
<b>Manufacturer information</b>	Trojan Technologies	<b>Australian supplier</b>	Alastair MacNab
	3020 Gore Road		Trojan Technologies Group ULC
	London, ON N5V 4T7 CA		96 Ricketts Road
	Phone: 519-457-3400		MOUNT WAVERLY VIC 3149
	Phone: 888-220-6118		
<b>CANUTEC</b>	Phone: 613-996-6666	<b>Australian emergency #</b>	Phone: 011 03 97283953
			Mobile: 011 0488 080069

## 2 Hazards Identification

<b>Physical hazards</b>	Not classified
<b>Health hazards</b>	Not classified
<b>Environmental hazards</b>	Not classified
<b>WHMIS 2015 defined hazards</b>	
<b>Label elements</b>	
<b>Hazard symbol</b>	None
<b>Signal word</b>	None
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precaution statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)</b>	None known
<b>WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)</b>	None known
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known
<b>Supplemental information</b>	None

## 3 Composition/Information on Ingredients

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

<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin Contact</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	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.

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<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat patient symptomatically.
<b>General Information</b>	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.

## 5 Fire Fighting Measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion Products</b>	May include and are not limited to: Oxides of carbon.

## 6 Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, refer to <a href="#">Section 8</a> .
<b>Methods and materials for containment and cleanup</b>	<p>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.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p>
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, refer to <a href="#">Section 13</a> .

## 7 Handling and Storage

<b>Precautions for safe handling</b>	Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (refer to <a href="#">Section 10</a> ). Keep out of reach of children.

## 8 Exposure Controls/Personal Protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment, Eye/face protection</b>	

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<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection:</b>	
<b>Hand protection</b>	Impervious gloves. Confirm with reputable supplier first.
<b>Other</b>	Wear suitable protective clothing. As required by employer code.
<b>Respiratory protection</b>	Not normally required.
<b>Thermal hazards</b>	Not applicable
<b>General hygiene considerations</b>	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.

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## 9 Physical and Chemical Properties

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<b>Appearance</b>	Gel
<b>Physical State</b>	Liquid
<b>Form</b>	Gel
<b>Colour</b>	Off-white
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	Not available
<b>pH</b>	1
<b>Melting Point / Freezing Point</b>	-5°C (23°F)
<b>Initial Boiling Point</b>	> 100°C (> 212°F)
<b>Pour Point</b>	Not available
<b>Specific gravity</b>	1.1
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Explosive Limits</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Solubility(ies)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Viscous
<b>Other information:</b>	
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	Not oxidizing

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## 10 Stability and Reactivity

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<b>Reactivity</b>	Reacts violently with strong alkaline substances. This product may react with reducing agents. This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.

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**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.

No adverse effects due to skin contact are expected.

**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 (single exposure)**

Not classified

**Specific target organ toxicity (repeated exposure)**

Not classified

**Aspiration hazard**

Not an aspiration hazard.

## 12 Ecological Information

<b>Ecotoxicity</b>	Not available
<b>Persistence and degradability</b>	Not available
<b>Bioaccumulative potential</b>	
<b>Mobility in soil</b>	Not available
<b>Mobility in general</b>	Not available
<b>Other adverse effects</b>	Not available

## 13 Disposal Information

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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

<b>Transport of Dangerous Goods (TDG) Proof of Classification</b>	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.
<b>U.S. Department of Transportation (DOT)</b>	Not regulated as dangerous goods.
<b>Transportation of Dangerous Goods (TDG - Canada)</b>	Not regulated as dangerous goods.

## 15. Regulatory Information

<b>Canadian federal regulations</b>	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.	
<b>Canada DSL Challenge Substances: Listed substance</b>		
	Crystalline silica (CAS 14808-60-7)	Listed
<b>Export Control List (CEPA 1999, Schedule 3)</b>		Not listed
<b>Greenhouse Gases</b>		Not listed
<b>Precursor Control Regulations</b>		Not regulated
<b>WHMIS 2015 Classifications</b>		Not applicable
<b>US federal regulations</b>		
<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>		Not regulated
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>		
	Phosphoric acid (CAS 7664-38-2)	Listed
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		Not listed
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>		
<b>Hazard categories</b>		
	Immediate Hazard	- No
	Delayed Hazard	- No
	Fire Hazard	- No

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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 state regulations**
**US - California Hazardous Substances (Director's): Listed substance**

Phosphoric acid (CAS 7664-38-2) Listed

**US - Illinois Chemical Safety Act: Listed substance**

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)

**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)*
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<b>Canada</b>	Domestic Substances List (DSL)	Yes
<b>Canada</b>	Non-Domestic Substances List (NDSL)	No
<b>United States &amp; Puerto Rico</b>	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

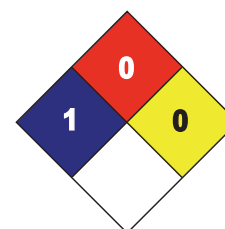
### Disclaimer

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)

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	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.