

SAFETY DATA SHEET

Glass Cleaner

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	:	GLASS CLEANER
Other means of identification	:	Not applicable
Recommended use	:	Concentrated glass cleaner
Restrictions on use	:	For industrial and professional use
Company	:	Accurate Chemical & Services 1555 W. Elna Rae st. Tempe, AZ 85281
Emergency telephone	:	(602) 996-9191
Poison control center	:	(800)-222-1222
Issuing date	:	04/1/2015

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation	:	Category 2B
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GHS Label element

Signal word	:	Warning
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Hazard Statements	:	Harmful if swallowed Causes skin and eye irritation
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Precautionary Statements	:	Prevention: Wash hands thoroughly after handling.
	:	Response: Get medical advice/ attention if you feel unwell.
	:	Storage: Store in accordance with local regulations.

Other hazards	:	None known
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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure Substance/Mixture	:	Mixture
Chemical name		CAS-No.
Isopropyl alcohol		67-63-0
		Concentration (%)
		4%

SECTION 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water.
In case of skin contact	:	Rinse with plenty of water.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of First-Aiders	:	No special precautions are necessary for first aid responders.
Notes to Physician	:	No specific measures identified.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing Media	:	Use extinguishing measures that are appropriate to local Circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known
Specific hazards arising from the chemical	:	In a fire or if heated, a pressure increase will occur and the container may burst. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus
Specific fire-fighting methods	:	Use personal protective equipment
Special Protective Equipment for Fire-Fighters	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency	:	Refer to protective measures listed in section 7 and 8.
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procedures

- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect 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). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

- Advice on Safe Handling : Wash hands thoroughly after handling. Use only with adequate ventilation.
- Conditions for Safe Storage : Keep out of reach of children. Store in suitable labeled containers.
- Storage Temperature : Store between the following temperatures: 0 °C and 35 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
ISOPROPYL ALCOHOL	111-90-0	STEL	400 ppm 15 min	ACGIH TLV
		TWA	200 ppm 8 hours	
		TWA	980 mg/m ³ 8 hours	OSHA PEL
		TWA	400 ppm 8 hours	
		TWA	400 ppm 10 hours	NIOSH REL
		TWA	980 mg/m ³ 10 hours	
		STEL	500 ppm 15 minutes	
		STEL	1225 mg/m ³ 15 minutes	

- Engineering Measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment

- Eye Protection : No special protective equipment required.
- Hand Protection : No special protective equipment required.
- Skin Protection : No special protective equipment required.
- Respiratory Protection : No personal respiratory protective equipment normally required.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Color	:	blue (Light)
Odor	:	alcohol-like
pH	:	6.2 – 9.4, 100%
Flash Point	:	> 100° F
Odor Threshold	:	No data available
Melting Point/Freezing Point	:	No data available
Initial Boiling Point and Boiling Range	:	>100° C (>212° F)
Evaporation Rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper Explosion Limit	:	No data available
Lower Explosion Limit	:	No data available
Vapor Pressure	:	No data available
Relative Vapor Density	:	No data available
Specific Gravity	:	.9472
Relative Density	:	No data available
Water Solubility	:	soluble
Solubility in Other Solvents	:	No data available
Partition Coefficient: n-Octanol/Water	:	No data available
Autoignition Temperature	:	No data available
Thermal Decomposition	:	No data available
Viscosity, Kinematic	:	No data available
Explosive Properties	:	No data available
Oxidizing Properties	:	No data available
Molecular Weight	:	No data available
VOC	:	No data available

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SECTION 10.

STABILITY AND REACTIVITY

Chemical Stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Open flame.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11.

TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes eye irritation.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, irritation.
Skin Contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.

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Inhalation : No symptoms known or expected.

Toxicity

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
 Acute inhalation toxicity : 4 h Acute toxicity estimate : 25 mg/l
 Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg
 Skin corrosion/irritation : No data available
 Serious eye damage/eye Irritation : Mild eye irritation
 Respiratory or skin sensitization : No data available
 Carcinogenicity : No data available
 Reproductive effects : No data available
 Germ cell mutagenicity : No data available
 Teratogenicity : No data available
 STOT –single exposure : No data available
 STOT –repeated exposure : No data available
 Aspiration toxicity : No data available

SECTION 12.

ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : No significant effects or critical hazard.

Product

Toxicity to fish : No data available
 Toxicity to daphnia and other aquatic invertebrates : No data available
 Toxicity to algae : No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13.

DISPOSAL CONSIDERATIONS

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Disposal methods : The product should not be allowed to enter storm drains, water Courses or the soil.
 Disposal Considerations : Dispose of in accordance with local, state, and federal regulations.

SECTION 14.

TRANSPORT INFORMATION

This shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Not regulated

Sea transport (IMDG/IMO)

Not regulated

SECTION 15.

REGULATORY INFORMATION

EPCRA – Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ

SARA 304 Extremely Hazardous Substance Reportable Quantity

This material does not contain any components with a section 304 EHS RQ

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

1907/2006 (EU)

Not determined

United States TSCA Inventory :

On TSCA Inventory

Canadian Domestic Substances List (DSL) :

This product contains one or several components listed in the Canadian NDSL.

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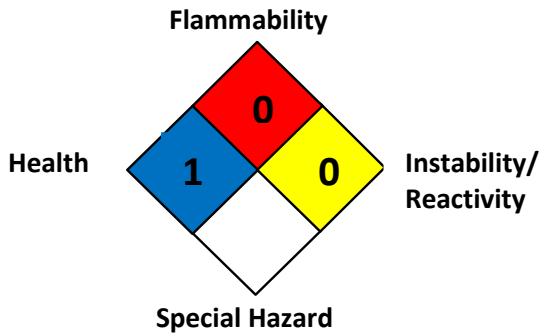
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SECTION 16. OTHER INFORMATION

Hazardous Material :
Information System (U.S.A)

Health	1
Flammability	0
Physical Hazards	0

NFPA:



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Notice to reader

The information provided in this Material 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

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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.