

Glass Cleaner (aerosol)

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Glass Cleaner (aerosol)
SDS Number: 0025
Revision Date: 6/30/2015
Version: 001
Product Use: glass cleaner
Supplier Details: Custom Aerosol Packaging
543 Staunton Street
Piqua, Ohio 45356

Emergency: 24- HR Emergency- CHEMTREC (800) 424-9300
Web: www.customaerosol.com

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HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Physical, Gases Under Pressure, Liquefied Gas

GHS Label elements, including precautionary statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:

**GHS Hazard Statements:**

H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:

P251 - Pressurized container: Do not pierce or burn, even after use.
P270 - Do not eat, drink or smoke when using this product.
P281 - Use personal protective equipment as required.
P302+350 - IF ON SKIN: Gently wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Hazards not otherwise classified (HNOC) or not covered by GHS

Target Organs: By ingestion: Blood, liver, kidneys

Inhalation: Inhalation of a small amount is not expected to cause health effects. Prolonged exposure may cause dizziness or throat irritation.

Skin Contact: No adverse effects expected for a single exposure. Prolonged or repeated contact can cause irritation and defatting of the skin.

Eye Contact: May cause mild irritation including redness and burning.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
7732-18-5	85-95%	Water
68476-86-8	3-8%	Propane/ Isobutane
1336-21-6	<1%	Ammonium hydroxide, see Ammonia solutions, etc.

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FIRST AID MEASURES

Inhalation:	Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.
Skin Contact:	Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash Contaminated clothing prior to re-use.
Eye Contact:	Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.
Ingestion:	Do not induce vomiting. Call a physician.

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FIRE FIGHTING MEASURES

Flammability:	This product is not flammable in accordance with aerosol flammability definitions. (See 16 CFR 1500.3 (c) (6).
Flash Point:	None
Autoignition Temp:	None
LEL:	ND
UEL:	ND

Use extinguishing agents appropriate for surrounding fire.

Products of combustion: None

Explosion Hazards: Aerosol containers, when exposed to heat from fire, may build pressure and explode.

Protection of Fire-Fighters: Firefighters should wear self contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

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HANDLING AND STORAGE

Handling Precautions:	Use with adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. Do not expose aerosol containers to heat or flame. Do not incinerate container. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. For product use instructions see the product label.
Storage Requirements:	Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120 degrees F/49 degrees C to prevent cans from rupturing.

Aerosol Storage Level: 1

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.
Personal Protective Equipment:	<p>Respiratory Protection: None are required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use NIOSH-approved self-contained positive pressure respirators in low circulation areas and for emergencies. Air monitoring is needed to determine actual employee exposure levels.</p> <p>Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.</p> <p>Skin Protection: Use protective gloves such as nitrile or rubber. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.</p>

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	Ammonia
Physical State:	Liquid	Solubility:	Soluble in water.
Odor Threshold:	ND	Freezing/Melting Pt.:	30F/-1C
Spec Grav./Density:	0.9957	Vapor Density:	>1 (air = 1)
Boiling Point:	212 F/100C	VOC:	Wt%: 6.4 G/L: 69 lbs./gal 0.64
Vapor Pressure:	ND		
pH:	10		

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STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.
Materials to Avoid:	Strong oxidizers.
Hazardous Decomposition:	Carbon monoxide, carbon dioxide
Hazardous Polymerization:	None

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TOXICOLOGICAL INFORMATION

Long term toxicological studies have not been conducted for this product.

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ECOLOGICAL INFORMATION

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity: Ammonium hydroxide: 48 Hr EC50 water flea: 0.66 mg/L

Persistence/ Degradability: over 98% of product ingredients are biodegradable.

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DISPOSAL CONSIDERATIONS

Waste Classification: The dispensed liquid product is not a RCRA hazardous waste. (See 40 CFR part 261.20-261.33.

Aerosol containers should be fully emptied and depressurized before disposal. Empty aerosol containers may be recycled.

All disposal activities must comply with federal, state, provincial and local regulations. Local regulations may be more stringent than state, provincial or national requirements.

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TRANSPORT INFORMATION

UN1950, Aerosols, non-flammable, (each not exceeding 1 L capacity), 2.2,(6.1), PGIII

Component (CAS#) [%] - CODES

Water (7732-18-5) [85-95%] TSCA

Propane/ Isobutane (68476-86-8) [3-8%] TSCA

Regulatory CODE Descriptions

RQ = Reportable Quantity: Ammonium Hydroxide (1000 lbs)

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your local Emergency Planning Committee.

TSCA = Toxic Substances Control Act:

All ingredients are either listed on the TSCA inventory or are exempt.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories: Fire Hazard No
 Reactive Hazard No
 Release of Pressure Yes
 Acute Health Hazard No
 Chronic Health Hazard No

Section 313 Toxic Chemicals None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPS): None

OSHA:

This product is regulated by the Hazardous Communications Standard.

U.S. State Regulations:

Consumer Products VOC Regulations: In States with Consumer Products VOC regulations, this product is compliant as a Glass Cleaner.

State Right to Know:

New Jersey: 111-76-2, 68476-86-8, 1336-21-6
Pennsylvania: 111-76-2, 68476-86-8, 1336-21-6
Massachusetts: 111-76-2, 68476-86-8, 1336-21-6
Rhode Island: 111-76-2, 68476-86-8, 1336-21-6

Canadian Regulations:

Controlled Products Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS Hazard Class: A, D1A, D2A, D2B

Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

European Union Regulations:

RoHS Compliance: This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

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