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## Safety Data Sheet

### Section 1: Product and Company Information

**Product Identifier**

**Product Name:**

**Ammoniated Glass Cleaner**

**Product Number:**

**24 Hour Emergency Phone No:**

### Section 2: Hazards Identification

<b>GHS Classification</b>	Acute toxicity – Oral; Not classified Acute toxicity – Dermal; Not classified
<b>GHS Label Elements</b>	
<b>Signal Word:</b>	None
<b>Symbols:</b>	None
<b>Hazard Statements:</b>	N/A

**Appearance:** Clear

**Physical State:** Liquid

**Odor:** Slight Ammonia

<b>Precautionary Statements – Prevention</b>	N/A
<b>Precautionary Statements – Response</b>	See section 4, First Aid Measures
<b>Precautionary Statements – Disposal</b>	N/A
<b>Hazards not otherwise classified (HNOC) Other information</b> Unknown Acute Toxicity	0.0002279% of mixture consists of ingredient(s) of unknown toxicity.

### Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
No hazardous ingredients according to 29 CFR 1910.1200.			

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: First Aid Measures

<b>General Advice:</b>	
<b>Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids. Consult a physician.
<b>Skin Contact:</b>	Wash skin with soap and water.
<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion:</b>	Wash out mouth with water and drink afterwards plenty of water.
<b>Self-protection for first aider:</b>	
<b>Note to physicians:</b>	Treat symptomatically.

## Section 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media:</b>	Appropriate for surrounding fire.
<b>Hazardous Combustion Products:</b>	None known.
<b>Specific Hazards Arising from Chemical:</b>	None known.
<b>Protective equipment and precautions for fire-fighters:</b>	Appropriate protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

## Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Ensure adequate ventilation, especially in confined areas.
<b>Spill Clean-Up:</b>	Pick up and transfer to properly labeled container.

## Section 7: Handling and Storage

<b>Advice on Safe Handling:</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Storage Conditions:</b>	Store in original containers in cool, well-ventilated area. Keep container tightly closed.
<b>Incompatible Materials:</b>	None known.

## Section 8: Exposure Controls

<u>Product Name</u>	<u>Exposure Limits</u>
2-Propanol 67-63-0	ACGIH TLV STEL: 400 ppm TWA: 200 ppm OSHA PEL TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup> NIOSH IDHL IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 1225 mg/m <sup>3</sup>
Ammonia 7664-41-7	ACGIH TLV STEL: 35 ppm TWA: 25 ppm OSHA PEL TWA: 50 ppm TWA: 35 mg/m <sup>3</sup> (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m <sup>3</sup> NIOSH IDHL IDLH: 300 ppm TWA: 25 ppm STEL: 35 ppm STEL: 75 mg/m <sup>3</sup>
Sodium Hydroxide 1310-73-2	ACGIH TLV Ceiling: 2 mg/m <sup>3</sup> OSHA PEL TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup> NIOSH IDLH IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection:</b>	Safety glasses are good practice.
<b>Skin and Body Protection:</b>	Chemical resistant gloves and protective clothing are good practice.
<b>Respiratory Protection:</b>	Good general ventilation should be sufficient to control worker exposure.
<b>General Hygiene Considerations:</b>	Use good industrial hygiene practices when handling all chemicals.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Color:</b>	Green
<b>pH:</b>	10.5 – 11.5	<b>Odor:</b>	Slight Ammonia
<b>Boiling Point:</b>	ND	<b>Vapor Pressure:</b> MM HG/20 DEG. C:	ND
<b>Specific Gravity:</b>	1.00	<b>Evaporation Rate:</b> (Butyl Acetate = 1)	ND
<b>Solubility:</b>	100% in water	<b>Flammability:</b>	Non-Flammable

## Section 10: Stability and Reactivity

<b>Chemical Stability and Reactivity</b>	Stable and non-reactive under normal conditions.
<b>Possible Hazardous Reactions</b>	Under normal conditions hazardous reactions will not occur.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.

## Section 11: Toxicological Information

Acute Toxicity				
Product/Ingredient Name	Result	Species	Dose	Exposure

<b>Information on likely routes of exposure</b>	
<b>Product Information</b>	
<b>Eyes:</b>	No known significant effects or critical hazards.
<b>Inhalation:</b>	No known significant effects or critical hazards.
<b>Eye Contact:</b>	No known significant effects or critical hazards.
<b>Skin Contact:</b>	No known significant effects or critical hazards.
<b>Ingestion:</b>	Not an expected route of exposure. Do not taste or swallow.
<b>Chronic effects of exposure:</b>	None known.

## Section 12: Ecological Information

<b>Environmental Effects:</b>	No data available.
<b>General Notes:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or exposure.

## Section 13: Disposal Considerations

<b>Waste Information:</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.
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## Section 14: Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT - Not Regulated					

**NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**

PG\*: Packaging Group

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.

## Section 15: Regulatory Information

	Component	Report Quantity (RQ)
CERCLA	This material as supplied, does not contain any substances regulated as hazardous substances under 40 CFR 302.	
OSHA Hazard	Non-hazardous	

## Section 16: Other Information

	Health Hazards	Flammability	Physical Hazards	Personal Protection
HMIS	0	0	0	X
NFPA	0	0	0	Yes

Issue Date: 06-01-2015

**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 text.*