



SAFETY DATA SHEET

SL-402 RTU Ammoniated Glass Cleaner

1. Product and Company Identification

Product Code: 402A
Product Name: SL-402 RTU Ammoniated Glass Cleaner
Company Name: Sunbelt Laboratories **Phone Number:** (281)261-4747
P.O. BOX 1563
Stafford, TX 77497
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
GHS Response Phrases: If skin irritation occurs, get medical advice/attention.
GHS Storage and Disposal Phrases: Store in cool/well-ventilated place.
Dispose of contents/container to ...
OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS.
Inhalation: Mild irritation effect.
Eye Contact: Mild irritation effect.
Ingestion: Mildly irritating to the eyes.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
67-63-0	Isopropyl alcohol	1.0 -5.0 %	
1336-21-6	Ammonium hydroxide	0.1 -0.5 %	

4. First Aid Measures

Emergency and First Aid Procedures: Drink 1 or 2 glasses of water. Consult a physician if necessary. Effects of contact or inhalation may be delayed. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
In Case of Inhalation: No data available.
In Case of Skin Contact: Rinse skin with water/shower.
In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Note to Physician: Treat symptomatically.



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5. Fire Fighting Measures

Flash Pt: NE Method Used: Not Applicable
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NE
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.
 Further information:
Flammable Properties and Hazards: Carbon oxides.
 No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.
Environmental Precautions: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Steps To Be Taken In Case Material Is Released Or Spilled: Allow substance to evaporate.

7. Handling and Storage

Precautions To Be Taken in Handling: No special handling procedures are required.
Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas. Hygroscopic.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
1336-21-6	Ammonium hydroxide	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.
Eye Protection: Splash proof safety goggles.
Protective Gloves: No data available.
Other Protective Clothing: No data available.
Engineering Controls (Ventilation etc.): No data available.
Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



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9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	ammonia-like. alcohol-like. Blue.
pH:	8.0
Melting Point:	NE - N.D.
Boiling Point:	> 212.00 F (100.0 C)
Flash Pt:	NE Method Used: Not Applicable
Evaporation Rate:	Not required
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	Not established
Vapor Density (vs. Air = 1):	Not established
Specific Gravity (Water = 1):	.995 at 77.0 F (25.0 C)
Density:	Not established
Solubility in Water:	Complete
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	> 99.0 % by volume.
Autoignition Pt:	NE
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Heat, flames and sparks. Extremes of temperature and direct sunlight.
Incompatibility - Materials To Avoid:	Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids.
Hazardous Decomposition or Byproducts:	Other decomposition products: No data available. In the event of fire: see section 5.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Product will not undergo polymerization.



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11. Toxicological Information

Toxicological Information: Germ cell mutagenicity: No data available.
Reproductive toxicity. Aspiration hazard:

Sensitization: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-63-0	Isopropyl alcohol	n.a.	3	Unknown	n.a.
1336-21-6	Ammonium hydroxide	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method: No data available.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: ISOPROPANOL.

DOT Hazard Class:

UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl alcohol	No	No	Yes
1336-21-6	Ammonium hydroxide	No	Yes NA	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Explosive
- Yes No Flammable (gases, aerosols, liquid, or solid)
- Yes No Oxidizer (liquid, solid or gas)
- Yes No Self-reactive
- Yes No Pyrophoric (liquid or solid)
- Yes No Pyrophoric gas
- Yes No Self-heating
- Yes No Organic peroxide
- Yes No Corrosive to metal
- Yes No Gas under pressure (compressed gas)
- Yes No In contact with water emits flammable gas
- Yes No Combustible Dust
- Yes No (Physical) Hazard Not Otherwise Classified (HNOC)
- Yes No Acute toxicity (any route of exposure)
- Yes No Skin Corrosion or Irritation
- Yes No Serious eye damage or eye irritation
- Yes No Respiratory or Skin Sensitization
- Yes No Germ cell mutagenicity
- Yes No Carcinogenicity
- Yes No Reproductive toxicity
- Yes No Specific target organ toxicity (single or repeated exposure)



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Yes No Aspiration Hazard
 Yes No Simple Asphyxiant
 Yes No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
1336-21-6	Ammonium hydroxide	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No

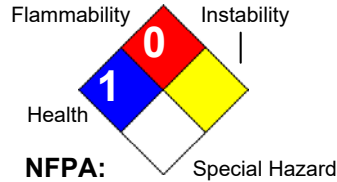
16. Other Information

Revision Date: 12/14/2023

Hazard Rating System:

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
REACTIVITY	<input type="checkbox"/>	0
PPE		

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not 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 the text.