

SAFETY DATA SHEET

Issue Date 2-3-16

Revision Date 2-3-16

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Liquid Glass Cleaner
513-09-411-01 4-gal/cs / 513-09-411-00 32oz. – 12/cs

Other Means of Identification

SDS # not determined

UN/ID No not determined

Product Code not determined

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Removal of soil from all reflective surfaces.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Illinois Correctional Industries
1301 Concordia Court
P.O. Box 19277
Springfield, Il. 62794-9277

Emergency Telephone Number

Company Phone Number 1-800-634-0213

Emergency Telephone 1-800-222-1222

2. HAZARDS IDENTIFICATION

Classification

unapplicable

Signal Word

Danger

Hazard Statements

Avoid skin and eye contact.

Physical State: Liquid.



Precautionary Statements – Prevention

Avoid temperature extremes.

Precautionary Statements – Response

EYES: Flush immediately with plenty of water for at least 15 minutes. INGESTED: Do Not Induce vomiting. Never give fluids to an unconscious person. Drink large amounts of liquids. INHALED: Remove to fresh air. If not breathing give artificial respiration. SKIN: Wash exposed skin with soap and water. Call physician.

Precautionary Statements – Storage

Avoid extreme temperatures.

Precautionary Statements – Disposal

Dispose in accordance with Local, State or Federal Regulations.

Hazards Not Otherwise Classified (HNOC)

None

Other Hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	n/a
Dipropylene glycol n-butyl ether	29911-28-2	n/a
Magnesium alkyl sulfate	3097-08-3	n/a
Ammonium hydroxide solution	1336-21-6	n/a

4. FIRST AID MEASURES**First Aid Measures**

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause severe skin irritation or mild burn.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.**Specific Hazards Arising from the Chemical**

Not determined.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

- Personal Precautions** Use personal protective equipment as required. Rubber gloves and protective clothing.
- Environmental Precautions** See Section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning Up** Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use only in well-ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

- Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store at 40 – 90 F.
- Incompatible Materials** Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
N/A			

Appropriate Engineering Controls

- Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection** Wear approved safety goggles.
- Skin and Body Protection** Wear suitable protective clothing.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Spicy
Appearance Color	Light Blue	Odor Threshold	Not determined
	Clear Blue		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.8	
Melting Point/Freezing Point	n/a / 32 F	
Boiling Point/Boiling Range	212 F	
Flash Point	190F	
Evaporation Rate	1	
Flammability (Solid, Gas) n/a		
Upper Flammability Limits	n/a	
Lower Flammability Limit	n/a	
Vapor Pressure	n/a	
Vapor Density	n/a	
Specific Gravity	n/a	
Water Solubility	complete	
Solubility in Other Solvents	n/a	
Partition Coefficient	n/a	
Autoignition Temperature	n/a	
Decomposition Temperature	n/a	
Kinematic Viscosity	n/a	
Dynamic Viscosity	n/a	
Explosive Properties	n/a	
Oxidizing Properties	none	

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information**

Inhalation May cause respiratory irritation.

Eye Contact Causes eye irritation.

Skin Contact May be uncomfortable in contact with skin.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
N/A	N/A	N/A	N/A

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity Carcinogenic potential is unknown.

STOT - Single Exposure May cause respiratory irritation.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
N/A				

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Chemical Name	Partition Coefficient
N/A	N/A

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No
 Proper Shipping Name
 Hazard Class
 Packing Group

IATA

UN/ID No
 Proper Shipping Name
 Hazard Class
 Packing Group

IMDG

UN/ID No
 Proper Shipping Name
 Hazard Class
 Packing Group

15. REGULATORY INFORMATION

International Inventories

Not Determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations**SARA 313**

Not determined

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
N/A			

16. OTHER INFORMATION

NFPA**Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

Issue Date

Revision Date

Revision Note

New format

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 the text.

End of Safety Data Sheet