

Safety Data Sheet

Issued Date: July 13, 2015

Revision Date: July 13, 2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Grn-612 Green Friendly Glass Cleaner

Other means of identification

Product Code Grn-612

Recommended use of the chemical and restrictions on use

Recommended Use Glass cleaner.

Details of the supplier of the safety data sheet

Missouri Vocational Enterprises
 2727 Highway K
 Bonne Terre, MO 63628
 Phone: (573) 358-5516

Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)
 1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word **WARNING**

Classification	Hazard Category
Eye Irritation	2A

Health Hazard Statement(s)

H319 – Causes serious eye irritation.

Hazard Pictogram(s)



Hazard Ratings

	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	B	N/A

Precautionary Statement(s)

P264 – Wash face, hands and any exposed skin thoroughly after handling.
 P280 – Wear protective gloves/protective clothing/ eye protection/face protection.
 P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 P363 – Wash contaminated clothing before reuse.
 P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Potential Health Effects

Skin Contact May cause skin irritation.
Eye Contact May cause eye damage.
Inhalation May cause respiratory irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Acrymal S-1450	Proprietary	.5-1.5
Lemon Fragrance	Proprietary	0-0.5

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

General Advice	If you feel unwell, seek medical advice (show label where possible).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
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.
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.
Ingestion	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects

Symptoms	Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause skin irritation.
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5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media that is appropriate to local circumstances.

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.
Environmental precautions	See Section 12 for additional ecological information.

Methods and material for containment and clean up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean up	Absorb with inert material, sweep up, and dispose of in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for 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.
Incompatible Materials Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
-	-	-	-

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 appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Liquid
Color Blue
Odor Lemon
Odor Threshold Not Determined

Property

Values

Remarks - Method

pH 5-5.5
Melting Point/Freezing Point Not available
Boiling Point/Boiling Range 212 °F (100 °C)
Flash Point Not available
Evaporation Rate Not available
Flammability (Solid, Gas) Liquid- Not applicable
Upper Flammability Limits Not available
Lower Flammability Limits Not available
Vapor Pressure Not available
Vapor Density 0.625
Specific Gravity 0.99-1.01
Water Solubility Complete
Solubility in other solvents Not available
Partition Coefficient Not available
Auto-ignition Temperature Not available
Decomposition Temperature Not available
Viscosity Not available
Explosive Properties Not available
Oxidizing Properties Not available

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions.

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	None known.
Incompatible materials	None known.
Hazardous Decomposition Products	None known based on information supplied.
Hazardous Polymerization	Not available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact	May cause irritation.
Skin contact	May cause irritation.
Ingestion	May be harmful if swallowed.
Inhalation	Not a likely route of exposure.

Symptoms related to the physical, chemical, and toxicological characteristics

Irritation of the eyes and skin are possible. Stomach aches and pain are possible from ingestion.

Carcinogenicity Reproductive toxicity Toxicological information

Not a carcinogen based on the information provided.
Not expected to be harmful to reproduction.
No other information supplied.

12. ECOLOGICAL INFORMATION

Ectotoxicity	Ecological studies have not been carried out on this product or its components
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Other adverse effects	Not available.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Dispose of in accordance with local, state, and federal regulations.
Hazardous Waste Code	Not available.
Waste from residues / unused products	Must not be disposed of together with household garbage. Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state, and federal regulations.
Contaminated Packaging	Dispose of in the same manner as unused product/residues.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT I.D. Number	Not available.
DOT Proper Shipping Name	Not available.
DOT Hazard Classes:	
US DOT	Not available.
Road (ADR)	Not available.
Air (ICAO/IMDG)	Not available.

Green Friendly Glass Cleaner
Sea (IMO/IMDG)

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Not available.

Packing Group
DOT Label

Not available.

Not available.

15. REGULATORY INFORMATION

U.S. Federal Regulations

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

() Hazardous (X) Non- Hazardous

SARA TITLE III

Section 302/304

Extremely Hazardous Substances: None

Section 311/312

(40CFR370) Hazardous Categories: None

Section 313

Contains the following SARA 313 Toxic Release Chemicals: None

CERCLA

CERCLA Regulatory

Not regulated.

State Regulations

California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm: None.

Inventories

All components of this material are on the US TSCA Inventory or are exempt.

16. OTHER INFORMATION

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 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.

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