

MATERIAL SAFETY DATA SHEET: SIMPLE GREEN® LIME SCALE REMOVER

SUNSHINE MAKERS, INC.

RESEARCH AND DEVELOPMENT DIVISION
15922 Pacific Coast Highway
Huntington Harbour, CA 92649 USA

Telephone: 800-228-0709

Version: No. 5003

Issue Date: March, 1996

SUPERSEDES ANY PREVIOUS VERSIONS

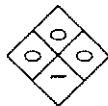
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PRODUCT IDENTIFICATION

Other Names: Simple Green Lime Scale Remover®

Hazard Rating (NFPA/HMIS):

Health = 1 Reactivity = 0
Fire = 0 Special = 0



Rating Scale:

0 = minimal 1 = slight
2 = moderate 3 = serious
4 = severe

None of the ingredients are regulated or listed as potential cancer agents by the U.S. Occupational Safety and Health Administration, the U.S. National Toxicology Program, or the International Agency for Research on Cancer

SAFE HANDLING INFORMATION

Fire/Explosion Hazard

This product is nonflammable, and will not burn
Flash Point: Nonflammable
Auto-ignition Temperature: Nonflammable
Flammability Limits: Nonflammable
Extinguishing Media: Nonflammable/nonexplosive

Special Fire Fighting Procedures: None required.

Reactivity Data

Stability: Product is stable.
Incompatibility: Do not mix with other chemicals.
Hazardous Decomposition or By Products: N/A
Hazardous polymerization will not occur.

Storage and Transport

Normal storage, handle with caution.
This product requires no special labeling or placarding to meet U.S. DOT requirements

Spills and Disposal

Spill or Leakage Procedures: Add soda ash to neutralize. Pickup with mop or absorbant material.
Waste Disposal: Dispose of in accordance with all applicable local, state, and federal laws.

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PRECAUTIONS FOR USE

Signs & Symptoms of Exposure: Eyes: May cause irritation if contacted. Skin: May cause irritation.
Ingestion: Harmful to mucous membranes.

Ventilation: Local exhaust or fresh air exchange.

Personal Protection:

Precautionary Measures: Follow directions on container label for proper use. Follow first aid procedures if contacted. Keep out of reach of children.

Eye Protection:

Specific eye protection is not required; however, caution should be used to avoid eye contact by this cleaning agent.

Skin Protection:

None required. Rubber gloves should be used for prolonged contact.

Respiratory Protection:

No special precautions required.

Work and Hygienic Practices:

No special precautions or requirements. Thoroughly wash or rinse hands before touching eyes or contact lenses.

SYMPTOMS OF OVEREXPOSURE AND FIRST AID TREATMENT

Eye contact: Flush with water for 15 minutes, lifting upper lid. Remove contact lenses. Call physician if necessary.

Skin contact: Wash with water. Call physician if necessary. Remove contaminated clothing.

Swallowing: Drink large amounts of water or milk. call physician immediately. Do not give anything by mouth to an unconscious person.

INGREDIENT INFORMATION

Ingredient: Hydroxyacetic
CAS Number: 79-14-1

Exposure Limits (ppm)
for Undiluted Materials
OSHA PEL: ACGIH TLV
5 mg/m³ 3mg/m³

TOXICITY INFORMATION

Human Health Effects or Risks from Exposure

May cause skin irritation on prolonged contact. No chronic effects have been reported.

Medical Conditions Aggravated by Exposure

Pre-existing skin conditions.

Nonhuman

Oral LD₅₀ (Rat) > 5.0gm/kg body weight.

Dermal LD₅₀ (Rabbit) > 2.0gm/kg body weight

Primary Dermal Irritation: non irritant

Eye Irritation (unwashed) moderately irritating

Eye Irritation (washed) practically non-irritating

Allergenicity: not a sensitizer

OTHER INFORMATION

Physical Description and Properties

Appearance/odor: Liquid, colorless mint odor
Solubility in Water: Completely soluble
Vapor Pressure: 57 mm Hg @ 100° F
Vapor Density: N/A
Boiling Point: 206° F (96.7° C)
Specific Gravity: 1.029 @ 77° F
Evaporation Rate: 0.2 @ 77° F (Butylacetate = 1.0)
Density: 8.55 lbs./gal.
pH: 1.8

General Information

Containers: Simple Green Lime Scale Remover[®] residues can be completely removed by rinsing with water; the container may be recycled or applied to other uses.

Contact Point: Sunshine Makers, Inc., Director of Research and Development: 310-795-6000.

*** NOTICE ***

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