

MSDS 4213

4213: Simple Green Hand Cleaner-Gal

MSDS Last updated: 01/29/2007

MATERIAL SAFETY DATA SHEET: SIMPLE GREEN® HAND CLEANER GEL

Also for: PRO SERIES SIMPLE GREEN® HAND CLEANER GEL

1. PRODUCT & COMPANY INFORMATION

Version No. 3010

Issue Date: January 2006

PRODUCT NAME: SIMPLE GREEN® HAND CLEANER GEL
PRO SERIES SIMPLE GREEN® HAND CLEANER GEL

COMPANY NAME: SUNSHINE MAKERS, INC.
15922 Pacific Coast Highway
Huntington Harbour, CA 92649 USA
Telephone: 800-228-0709 * 562-795-6000
Fax: 562-592-3034
Website: www.simplegreen.com

For 24-hour emergency, call Chem-Tel, Inc: 800-255-3924

USE OF PRODUCT: General cleaning and degreasing gel for hands, clothes, or soiled areas requiring an effective, local cleaning agent. (Can be used with or without water.)

II. INGREDIENT INFORMATION

Ingredient	Amount	CAS Number	Exposure Limits (ppm)	
			For Undiluted Material	OSHA PEL ACGIH TLV
2-butoxyethanol	3.5 %	111-76-2	20 ppm	20ppm)

Based upon chemical analysis, Simple Green® Hand Cleaner Gel contains no known EPA priority pollutants, heavy metals, or chemicals listed under RCRA, CERLA, or CWA. Analysis by TCLP (Toxicity Characteristic Leaching Procedure) according to RCRA revealed no toxic organic or inorganic constituents.

All components of Simple Green® are listed on the TSCA Chemical Substance Inventory.

III. HAZARDS IDENTIFICATION

NJ TRADE SECRET REGISTRATION NUMBERS

- 80100235-5000p 80100235-5005p
- 80100235-5001p 80100235-5006p
- 80100235-5002p 80100235-5007p
- 80100235-5003p 80100235-5008p
- 80100235-5004p 80100235-5009p

Hazard Rating (NFPA/HMIS)

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

Rating Scale

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

*Eye irritant: none of the ingredients are regulated or listed as 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.

IV. FIRST AID MEASURES

SYMPTOMS OF OVEREXPOSURE AND FIRST AID TREATMENT

Eye contact: Reddening may develop. Immediately rinse the eye with large quantities of cool water: continue 10-15 minutes or until the material has been removed: be sure to remove contact lenses, if present, and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.

Skin contact: Adverse effects not expected, although some highly dermal-sensitive users may experience reversible reddening. Such individuals should get medical attention if a response reaction occurs.

Swallowing: Essentially non-toxic. Give several glasses of water to dilute: do not induce vomiting. If stomach upset occurs, consult physician.

Inhalation: Non-toxic. Exposures to vapors not of concern, but if dizziness occurs, get fresh air.

V. FIRE FIGHTING MEASURES

Simple Green® Hand Cleaner Gel is not flammable and will not burn.

Flash Point / Auto-Ignition: Not flammable.
Flammability Limits: Not flammable.
Extinguishing Media: Not flammable/non explosive.
 No special procedures required.

Special Fire Fighting
Procedures: None required.

VI. ACCIDENTAL RELEASE MEASURES

Recover usable material by convenient method: residual may be removed by wipe or wet mop. If necessary, unrecoverable material may be washed to drain with large quantities of water.

VII. HANDLING, STORAGE & TRANSPORT INFORMATION

No special precautions are required. This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations. Simple Green® Hand Cleaner Gel requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

Storage at elevated temperatures (up to 194 F { 90 C}) will not cause breakdown of the gel.

VIII. EXPOSURE CONTROLS

Exposure Limits: The formulation presents no health hazards to the user when used according to label directions for its intended purposes, other than eye irritancy.

Ventilation: No special ventilation is required during use.

Human Health Effects or Risks from Exposure: Adverse effects on human health are not expected from Simple Green® Hand Cleaner Gel, based upon the available toxicity information for the individual components and the laboratory toxicity data for the whole product, as described below.

Eye irritation, common to surfactants or hard granular material in the eye, should be expected from Simple Green® Hand Cleaner Gel. Skin irritation is not likely with Simple Green® Hand Cleaner Gel.

Medical Conditions Aggravated by Exposure: None anticipated.

IX. PERSONAL PROTECTION

Precautionary Measures: No special requirements under normal use conditions.

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. Simple Green® Hand Cleaner Gel is intended for use on the skin, and contains moisturizers and emollients that can prevent dryness from frequent use.

Respiratory Protection: No special precautions required.

Work and Hygienic

Practices: No special requirements. Wash or rinse hands before touching eyes or contact lenses.

X. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odor: Viscous green gel with characteristic sassafras odor.
Solubility in water: Completely miscible in all parts except pumice.
Change of state: Temperatures up to 194 F (90 C) caused no change in the physical condition of the gel.
VOCs: 5.7% per EPA Method 24/CARB Method 310.
pH: 5.8
Specific Gravity: 1.00
Boiling Point: 100 C

XI. STABILITY AND REACTIVITY INFORMATION

Non reactive. Simple Green® Hand Cleaner Gel is stable, even under fire conditions, and will not react with water or oxidizers. Hazardous polymerization will not occur.

XII. TOXICOLOGICAL INFORMATION

Laboratory Toxicity Data

Acute Mortality Studies:

Oral LD50 (rat): >5.0 g/kg (5.0mL/kg)

Dermal Irritation: No effects occurred in a standard test on rabbits: the primary irritation index was 0 (nonirritant) on a scale of 8 (strong irritant).

Dermal Sensitization: No effects occurred in guinea pigs exposed to Simple Green® Hand Cleaner Gel at .05 mL induction and challenge dosages: no dermal irritation occurred.

Eye Irritation: Within 10 days after eye exposure without rinsing, 5 of 6 rabbits completely recovered normal eye appearance: one rabbit showed continuing recovery at 21 days.

Carcinogenicity: Simple Green® Hand Cleaner Gel contains no carcinogenic compounds as defined by the National Toxicology Program (NTP), the International Agency for Research on Carcinogens (IARC), or the Occupational Health and Safety Administration (OSHA).

XIII. DISPOSAL CONSIDERATIONS

Simple Green® Hand Cleaner Gel is fully water soluble and biodegradable and will not harm sewage-treatment microorganisms if disposal by sewer or drain is necessary. Dispose of in accordance with all applicable local, state, and federal laws.

XIV. OTHER INFORMATION

Containers: Simple Green® Hand Cleaner Gel residues can be completely removed by rinsing with water: the container may be recycled or applied to other uses.

Containers are in compliance with California Integrated Waste Management Board's Rigid Plastic Container laws.

Contact Point: Sunshine Makers, Inc. Research and Development Division:
562-795-6000

National Stock Numbers:

PART #	NSN	SIZE
42675	8520-370-4284	6.75 oz. tube (12/cs)
42128	8520-01-370-2162	1 gal. pump bottle (4/cs)

NOTICE

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