

# ITEM: 5YH32 - Gel Hand Cleaner 1 G

MSDS: B3260

PICK REQ: 1086001648

## MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - B3260

Associated Grainger Item: 5YH32 - Gel Hand Cleaner 1 G

MATERIAL SAFETY DATA SHEET

SIMPLE GREEN (R\*) HAND CLEANER GEL

VERSION NO.: 03011

ANSI-Z400.1-2003 FORMAT

DATE OF ISSUE: JANUARY 2007

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME:  
SIMPLE GREEN (R\*) HAND CLEANER GEL  
PRO SERIES SIMPLE GREEN (R\*) HAND CLEANER GEL

MANUFACTURER'S PRODUCT CODE NUMBERS:  
42675 - 6.75 OZ TUBE  
42128 - 1 GALLON PUMP BOTTLE

COMPANY:  
SUNSHINE MAKERS, INC.  
15922 PACIFIC COAST HIGHWAY  
HUNTINGTON HARBOUR, CA 92649  
USA

TELEPHONE:  
800-228-0709  
562-795-6000

FAX: 562-592-3830

EMERGENCY PHONE:  
CHEM-TEL 24-HOUR EMERGENCY SERVICE: 800-225-3924

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.

### SECTION 2: HAZARDS IDENTIFICATION

HAZARD OVERVIEW:  
IRRITATION. MILD EYE IRRITANT.  
SIMPLE GREEN (R\*) HAND CLEANER GEL IS A VISCOUS GREEN GEL WITH A SASSAFRAS  
ODOR.

EYE CONTACT: MILD EYE IRRITANT.

SKIN CONTACT:  
NO ADVERSE EFFECTS EXPECTED UNDER TYPICAL USE CONDITIONS. PROLONGED EXPOSURE  
MAY CAUSE DRYNESS. UNDER THIS CONDITION, USE OF GLOVES OR SKIN MOISTURIZER  
AFTER WASHING MAY BE INDICATED.

INGESTION:  
MAY CAUSE STOMACH OR INTESTINAL UPSET IF SWALLOWED (DUE TO DETERGENT  
PROPERTIES.)

INHALATION:  
NO ADVERSE EFFECTS EXPECTED UNDER TYPICAL USE CONDITIONS. ADEQUATE  
VENTILATION SHOULD BE PRESENT WHEN USING OVER A PROLONGED PERIOD OF TIME.  
OPEN WINDOWS OR VENTILATE VIA FAN OR OTHER AIR-MOVING EQUIPMENT IF  
NECESSARY.

CARCINOGENS:  
NO INGREDIENTS ARE LISTED BY OSHA, IARC, OR NTP AS KNOWN OR SUSPECTED  
CARCINOGENS.

MEDICAL CONDITIONS:  
NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE TO SIMPLE  
GREEN (R\*) HAND CLEANER GEL OR WIPES. DERMAL-SENSITIVE USERS MAY EXPERIENCE  
MILD BUT REVERSIBLE REACTIONS.

UN NUMBER: NOT REQUIRED

DAANGEROUS GOODS CLASS: NONHAZARDOUS

HMS RATING:  
HEALTH 1 SLIGHT  
FIRE 0  
REACTIVITY, AND SPECIAL 0 MINIMAL

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

THE ONLY INGREDIENT OF SIMPLE GREEN (R\*) HAND CLEANER GEL WITH ESTABLISHED  
EXPOSURE LIMITS IS UNDILUTED 2-BUTOXYETHANOL (3.5%) (BUTYL CELLOSOLVE; CAS  
NO. 111-76-2); THE ACGIH TLV-TWA IS 20 PPM (97 MG/M3). BASED UPON CHEMICAL  
ANALYSIS, SIMPLE GREEN (R\*) HAND CLEANER GEL CONTAINS NO KNOWN EPA PRIORITY  
POLLUTANTS, HEAVY METALS OR CHEMICALS LISTED UNDER RCRA, CERCLA, OR CWA.  
ANALYSIS BY TCLP (TOXICITY CHARACTERISTIC LEACHING PROCEDURE) ACCORDING TO  
RCRA REVEALED NO TOXIC ORGANIC OR INORGANIC CONSTITUENTS.

COMPONENTS OF SIMPLE GREEN (R\*) HAND CLEANER GEL ARE LISTED ON THE TSCA  
Hazardous Substances Inventory.

NJ TRADE SECRET REGISTRATION NUMBERS:  
80100235-5000P  
80100235-5001P  
80100235-5002P  
80100235-5003P  
80100235-5004P  
80100235-5005P  
80100235-5006P

80100235-5007P  
80100235-5008P  
80100235-5009P

### SECTION 4: FIRST AID MEASURES

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:  
MINIMAL EFFECTS, IF ANY; RINSE SKIN WITH WATER, RINSE SHOES AND LAUNDRY  
CLOTHING BEFORE REUSE. REVERSIBLE REDDENING MAY OCCUR IN SOME  
DERMAL-SENSITIVE USERS; THOROUGHLY RINSE AREA AND GET MEDICAL ATTENTION IF  
REACTION PERSISTS.

SWALLOWING:  
ESSENTIALLY NON-TOXIC. GIVE SEVERAL GLASSES OF WATER TO DILUTE; DO NOT  
INDUCE VOMITING. IF STOMACH UPSET OCCURS, CONSULT PHYSICIAN

INHALATION:  
NON-TOXIC. EXPOSURE TO VAPORS NOT A CONCERN, BUT IF DIZZINESS OCCURS, GET TO  
FRESH AIR.

### SECTION 5: FIRE FIGHTING MEASURES

SIMPLE GREEN (R\*) HAND CLEANER GEL IS STABLE, NOT FLAMMABLE, AND WILL NOT  
BURN.

FLASH POINT/AUTO-IGNITION: NOT FLAMMABLE.

FLAMMABILITY LIMITS: NOT FLAMMABLE.

EXTINGUISHING MEDIA:  
NOT FLAMMABLE/NONEXPLOSIVE. NO SPECIAL PROCEDURES REQUIRED.

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:  
AVOID CONTACT WITH EYES. DO NOT RUB EYES WITH HANDS DURING CLEANUP. NO  
SPECIAL PRECAUTIONS FOR DERMAL CONTACT ARE NEEDED. WASH HANDS THOROUGHLY  
AFTER CLEANING UP SPILL OR LEAK.

METHOD FOR CLEANING UP:  
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.

### SECTION 7: HANDLING AND STORAGE

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 (R\*) HAND CLEANER GEL REQUIRES NO SPECIAL LABELING  
OR PLACARDING TO MEET U.S. DEPARTMENT OF TRANSPORTATION REQUIREMENTS.

UN NUMBER: NOT REQUIRED

DAANGEROUS GOODS CLASS: NONHAZARDOUS

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:  
SIMPLE GREEN (R\*) HAND CLEANER GEL FORMULATION PRESENTS NO HEALTH HAZARDS TO  
THE USER WHEN USED ACCORDING TO LABEL DIRECTIONS FOR ITS INTENDED PURPOSES.  
MILD SKIN AND EYE IRRITATION IS POSSIBLE (PLEASE SEE EYE CONTACT AND SKIN  
CONTACT IN SECTION IV.) NO SPECIAL PRECAUTIONARY MEASURES REQUIRED UNDER  
NORMAL USE CONDITIONS.

VENTILATION:  
NO SPECIAL VENTILATION, PRECAUTIONS OR RESPIRATORY PROTECTION IS REQUIRED  
DURING NORMAL USE.

HUMAN HEALTH EFFECTS OR RISKS FROM EXPOSURE:  
ADVERSE EFFECTS ON HUMAN HEALTH ARE NOT EXPECTED FROM SIMPLE GREEN (R\*) HAND  
CLEANER GEL, BASED ON CHEMICAL PROFILE OF THE INDIVIDUAL INGREDIENTS USED  
AND LABORATORY TOXICITY DATA FOR THE PRODUCT AS A WHOLE.

EYE PROTECTION:  
SIMPLE GREEN (R\*) HAND CLEANER GEL CAN CAUSE EYE IRRITATION, COMMON TO  
SURFACTANTS OR HARD GRANULAR MATERIAL IN THE EYE. WASH AND/OR WIPE HANDS DRY  
AFTER USING GEL.

SKIN PROTECTION:  
SIMPLE GREEN (R\*) HAND CLEANER GEL IS NOT LIKELY TO IRRITATE THE SKIN IN THE  
MAJORITY OF USERS. REPEATED DAILY APPLICATION TO THE SKIN WITHOUT RINSING,  
OR CONTINUOUS CONTACT ON THE SKIN MAY LEAD TO TEMPORARY, BUT REVERSIBLE,  
IRRITATION. RINSE COMPLETELY FROM SKIN AFTER CONTACT.

GENERAL HYGIENE CONDITIONS:  
THERE ARE NO KNOWN HAZARDS ASSOCIATED WITH THIS MATERIAL WHEN USED AS  
RECOMMENDED.  
THE FOLLOWING GENERAL HYGIENE CONSIDERATIONS ARE RECOGNIZED AS COMMON GOOD  
INDUSTRIAL HYGIENE PRACTICES:  
AVOID CONTACT WITH EYES.  
WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: VISCOUS GREEN GEL WITH GRANULES.

ODOR: SASSAFRAS ODOR.

WATER SOLUBILITY: 100%, EXCEPT FOR PUMICE.

SPECIFIC GRAVITY: 1.00

pH: 5.8

BOILING POINT: 100 DEG. C (216 DEG. F)

VOLATILE ORGANIC COMPOUNDS (VOC'S):  
PER CALIFORNIA AIRD METHOD 310, VOC'S ARE 4.9%.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS TO AVOID: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE EXPECTED.

SECTION 11: TOXICOLOGICAL INFORMATION

NONHUMAN TOXICITY:

ACUTE TOXICITY:  
ORAL LD50 (RAT): >5.0 G/KG BODY WEIGHT

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.

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 0.05 ML INDUCTION AND CHALLENGE DOSAGES; NO DERMAL IRRITATION OCCURRED.

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.

SECTION 12: ECOLOGICAL INFORMATION

NONE AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

GREEN (R\*) 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.

DISPOSE OF USED OR UNUSED PRODUCT, AND EMPTY CONTAINERS IN ACCORDANCE WITH THE LOCAL, STATE, PROVINCIAL, AND FEDERAL REGULATIONS FOR YOUR LOCATION. NEVER DISPOSE OF USED DEGREASING RINSATES INTO LAKES, STREAMS, AND OPEN BODIES OF WATER OR STORM DRAINS.

SECTION 14: TRANSPORT INFORMATION

THIS PRODUCT IS NON-HAZARDOUS FOR TRANSPORT ACCORDING TO THE U.S. DEPARTMENT OF TRANSPORTATION SERVICES

UN NUMBER: NOT REQUIRED

HAZARDOUS GOODS CLASS: NONHAZARDOUS

SECTION 15: REGULATORY INFORMATION

REPORTABLE COMPONENTS: NONE.

ALL COMPONENTS ARE LISTED ON: EINECS AND TSCA INVENTORY

NO COMPONENTS LISTED UNDER: CLEAN AIR ACT SECTION 112

RCRA STATUS: NOT A HAZARDOUS WASTE.

CERCLA STATUS: NO COMPONENTS LISTED

TSCA TIR REPORTING: NOT REQUIRED / NOT LISTED

CA PROP. 65 STATUS: NO COMPONENTS LISTED

SECTION 16: OTHER INFORMATION

QUESTIONS ABOUT THE INFORMATION FOUND ON THIS MSDS SHOULD BE DIRECTED TO:  
SUNSHINE MAKERS, INC.  
TECHNICAL DEPARTMENT  
15922 PACIFIC COAST HWY.  
HUNTINGTON HARBOUR, CA 92649

NATIONAL STOCK NUMBERS:

PART NUMBER	NSN	SIZE
42675	8520-370-4284	6.75 OZ TUBE (12/CS)
	8520-01-370-2162	1 GAL. PUMP BOTTLE (4/CS)

PHONE: 800/228-0709 (8AM-5PM PACIFIC TIME, MON-FRI)

FAK: 562/592-3830

EMAIL: INFOWEB@SIMPLEGREEN.COM

DISCLAIMER:  
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