

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Rig Wash
Simple Green® Powder

Manufacturer's Product Code Numbers: 17012 – 6 lb. container 17013 – 50 lb. container 17014 – 100 lb. container

Company: Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Harbour, CA 92649 USA

Telephone: 800-228-0709 • 562-795-6000 Fax: 562-592-3830

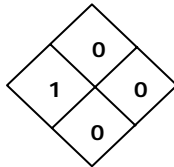
Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-225-3924

Use of Product: A powdered cleaning product for dry or wet washing techniques on oil rigs: platforms, struts, pipeline, pumps, compressions, engines, equipment, machinery, vehicles, tools, bare or painted metals, concrete, rubber, plastics, etc. - all water safe surfaces.

Section 2: HAZARDS IDENTIFICATION

Emergency Overview: CAUTION. Mild eye irritant.

Simple Green® Rig Wash is a white to tan free-flowing granular powder.



HMIS Rating:

Health = 1 = slight

Fire = 0

Reactivity, and Special = 0 = minimal

Eye Contact: Mild Eye Irritant.

Skin Contact: No adverse effects expected under typical use conditions. Prolonged exposure may cause mild irritation. Under this condition, use of gloves or skin moisturizer after washing may be indicated.

Ingestion: Can cause irritation to mucous membranes.

Inhalation: No adverse effects expected under typical temperatures. However, this product can be stirred up to an irritating dust and at elevated temperatures, vapors mist or fumes can cause irritation to respiratory tract.

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® Rig Wash. Dermal-sensitive users may experience mild but reversible reactions.

UN Number: Not Required

Dangerous Goods Class: Nonhazardous

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

None of the components of this product are regulated by the Emergency Planning and Community Right-to-Know Act (SARA, Title III, section 313); therefore, no reporting requirements exist. Simple Green® Rig Wash 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.

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

Section 4: FIRST AID MEASURES

Eye Contact: 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: Avoid prolonged contact with powdered product. Rinse skin with plain water after contact. If irritation persists, seek medical attention.

Section 4: FIRST AID MEASURES - continued -

- Swallowing: Essentially non-toxic. Give several glasses of water to dilute; do not induce vomiting. If stomach upset occurs, consult physician.
- Inhalation: Not likely, however if it does occur move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Get medical attention if irritation persists.

Section 5: FIRE FIGHTING MEASURES

Simple Green® Rig Wash is stable, not flammable, and will not burn. No special procedures required.

- Flash Point: Greater than 212.0°F/100.0°C (Pensky-Marten's Closed Cup)
- Auto Ignition Temperature: Greater than 302.0°F/150.0°C
- Extinguishing Media: Regular Foam, dry chemical or carbon dioxide. Direct application of high-pressure water streams may scatter burning material.

Fire Fighting Procedures: As in any fire, prevent human exposure to fire, smoke, fumes, or products of combustion. Firefighters should wear positive pressure/pressure demand, self-contained breathing apparatus and impervious protective clothing. If possible, remove containers from the fire area. Keep fire-exposed containers cool with a water fog or spray to prevent excessive heat. High pressure water may spread product from broken containers, increasing contamination or fire hazard.

Fire and Explosion Hazard: This product is not defined as flammable or combustible; however, under fire conditions it may support combustion and produce toxic oxides of carbon and various hydrocarbons.

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. If splashing or misting will occur, then use goggles as appropriate. Gloves are recommended if handling dry powder for any length of time. **This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations.** Simple Green® Rig Wash requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

UN Number: Not Required

Dangerous Goods Class: Nonhazardous

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limits:** Although no specific exposure limit has been established for this product. OSHA and ACGIH have established limits for nuisance dust. OSHA EL/TWA = Total 15 mg/m³. Respirable: 5 mg/m³; 8-Hr TWA. ACGIH TLV/TWA = Total 10 mg/m³; 8-Hr TWA.
- Ventilation:** No special ventilation, precautions or respiratory protection is required during normal use. Use dust mask if dust is excessive. May irritate mucous membranes.
- Human Health Effects or Risks From Exposure:** Adverse effects on human health are not expected from Simple Green® Rig Wash. based on 20 years of use of Simple Green® without reported adverse health incidence in diverse population groups, including extensive use by inmates of U.S. Federal prisons in cleaning operations.
- Eye protection:** Simple Green® Rig Wash is a mild eye irritant. Eye protection is recommended when splashing or misting may occur.
- Skin protection:** Not likely to irritate the skin in the majority of users. Gloves are recommended when excessive contact cannot be avoided.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION – continued –

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 breathing vapor or mist.
- Avoid contact with eyes.
- Wash thoroughly after handling and before eating, drinking, or smoking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: White or Tan granular powder with detergent like fragrance.

Specific Gravity:	1.020	Percent Volatile Matter:	Not determined
Evaporation:	Not applicable	Vapor Density:	Not determined
Water Solubility:	~20%	Density:	1.1 g/cm ³
Boiling Point:	Not determined	pH:	Dissolved in water approximately 9.7

Section 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Exposure to high temperatures Incompatibility: Strong oxidizing agents

Decomposition: Toxic oxides of Carbon & hydrocarbon Polymerization: Will not occur

Section 11: TOXICOLOGICAL INFORMATION

Essentially non-toxic based on formula assessment.

Section 12: ECOLOGICAL INFORMATION

Simple Green® Rig Wash is readily decomposed by naturally occurring microorganisms, and is biodegradable under most definitions of the term.

Section 13: DISPOSAL CONSIDERATIONS

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 Dangerous Goods Class: Nonhazardous

Section 15: REGULATORY INFORMATION

<u>All components are listed on:</u>	EINECS and TSCA Inventory		
<u>*Reportable components:</u>	None.	<u>No components listed under:</u>	Clean Air Act Section 112
<u>RCRA Status:</u>	Not a hazardous waste.	<u>CERCLA Status:</u>	No components listed
<u>TSCA TIR Reporting:</u>	Not required / Not listed	<u>CA PROP. 65 Status:</u>	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

Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri] Fax: 562/592-3830 Email: infoweb@simplegreen.com

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