

# MATERIAL SAFETY DATA SHEET: SIMPLE GREEN® RIG WASH

## I. PRODUCT & COMPANY INFORMATION

**PRODUCT NAME:** SIMPLE GREEN® RIG WASH  
**OTHER NAME(S):** SIMPLE GREEN® POWDER / POWDERED SIMPLE GREEN®

**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

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**24-HR. EMERGENCY:** Chem-Tel, Inc.- 800-255-3924

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

## II. INGREDIENT INFORMATION

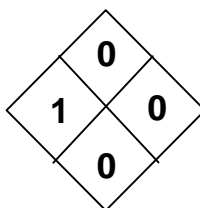
None of the components of this product are regulated by the Emergency Planning and Community Right-to-Know Act (SARA, Title III, section 313); therefore, no reporting requirement exists. Simple Green® Rig Wash contains no known EPA priority pollutants, heavy metals, or chemicals listed under RCRA, CERCLA, or CWA. All components of Simple Green® Rig Wash are listed on the TSCA Chemical Substance Inventory.

## III. HAZARDS IDENTIFICATION

Appearance & Odor: White to light tan free-flowing granular powder.  
UN Number: Not required  
Dangerous Goods Class: Nonhazardous

Hazard Rating (NFPA/HMIS)

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



Rating Scale

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

Non-mutagenic and non-carcinogenic. None of the ingredients in Simple Green® Rig Wash are regulated or listed as potential cancer agents by Federal OSHA, NTP, or IARC.

**PRIMARY ROUTES OF EXPOSURE:** Skin and eye contact are the primary routes of exposure to this product.

\*Eye Contact -Acute: Eye contact can cause irritation.

Skin Contact - Acute: Skin contact may cause mild irritation.

Inhalation - Acute: This product is not likely to present an inhalation hazard at normal 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.

Ingestion - Acute: Can cause irritation of mucous membranes.

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#### IV. FIRST AID MEASURES

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- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart and lifting upper and lower lids to ensure flushing of entire surface. If present, remove contact lenses after 5 minutes of flushing and then continue for at least 10 more minutes. If irritation persists, seek medical attention.
- Skin contact:** Avoid prolonged contact with powdered product. Rinse skin with plain water after contact. If irritation persists, seek medical attention.
- Ingestion:** Essentially non-toxic. Do not induce vomiting. Give several glasses of water to dilute. Can cause irritation of mucous membranes. If nausea, irritation or vomiting persist, seek medical attention.
- Inhalation:** Inhalation is unlikely; However, if it does occur, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.
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#### V. FIRE FIGHTING MEASURES

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**Simple Green® Rig Wash** is stable, non-flammable, and will not burn.

- 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.
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#### VI. ACCIDENTAL RELEASE MEASURES

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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.

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#### VII. HANDLING, STORAGE & TRANSPORT INFORMATION

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

UN Number: Not required

Dangerous Goods Class: Non-hazardous

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#### VIII. EXPOSURE CONTROLS & PERSONAL PROTECTION

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**Exposure Limits:** Although no specific exposure limit has been established for this product, OSHA and ACGIH have established limits for nuisance dust. (OSHA PEL/TWA = Total 15 mg/m<sup>3</sup>; Respirable: 5 mg/m<sup>3</sup>; 8-Hr TWA) (ACGIH TLV/TWA = Total 10 mg/m<sup>3</sup>; 8-Hr TWA.)

**Personal Protection: Ventilation:** No special ventilation is required during use.

**Respiratory Protection:** Dust mask if dust is excessive.

**Skin Protection:** Gloves should be worn when excessive contact cannot be avoided.

**Eye Protection:** Eye protection is recommended when splashing, misting or blowing dust may occur.

**Medical Conditions Aggravated by Exposure:** No aggravation of existing medical conditions is expected; dermally-sensitive users may react to dermal contact by Simple Green® Rig Wash.

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**IX. PHYSICAL & CHEMICAL PROPERTIES**

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Boiling Range: Not determined

Density: 1.1 g/m<sup>3</sup>

Solubility in water: Approx. 20%

Appearance: White to light tan granular powder

pH: Dissolved in water gives approx. 9.7 pH

Vapor Density: (Air = 1.0) Not determined

Percent volatile matter: Not determined

Evaporation rate: Dry powder, not applicable

Odor: Mild chemical odor

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**X. STABILITY AND REACTIVITY INFORMATION**

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Stability:

Stable

Conditions To Avoid:

Exposure to high temperatures.

Incompatibility:

Strong oxidizing agents.

Decomposition:

Oxides of carbon and hydrocarbon

Polymerization:

Hazardous polymerization will not occur.

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**XI. TOXICOLOGICAL INFORMATION**

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Essentially non-toxic based upon formula assessment.

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**XII. ENVIRONMENTAL INFORMATION**

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**Biodegradability:**

Simple Green® Rig Wash is readily decomposed by naturally occurring microorganisms and is biodegradable under most definitions of the term. OECD 301E Ready Biodegradability: Modified OECD Screening Test – Degradation from CO<sub>2</sub> Evolution = 98.3% in 28 days. Degradation from TOC reduction = 67% in 28 days.

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**XIII. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with all applicable local, state, and Federal laws.

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**XIV. OTHER INFORMATION**

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Containers:

Simple Green® Rig Wash is packaged in fiber drums that can have the liner removed and then be recycled or applied to other uses. Dispose of liner and/or drums in accordance with local, State and Federal regulations.

Contact Point:

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

**\*\*\* NOTICE \*\*\***

All information appearing herein is based upon data obtained by the manufacturer and recognized technical sources. Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of this information, Sunshine Makers, Inc. or its distributors extends no warranties, makes no representations and assumes no responsibility as to the suitability of such information for application to purchaser's intended purposes or for consequences of its use.