Safety Data Sheet: **Simple Green® Clean Building Bathroom Cleaner Concentrate**

Version No. 11101-18A Issue Date: April 6, 2018 Supersedes Date: September 23, 2014 *OSHA HCS-2012 / GHS*

Section 1: IDENTIFICATION

Product Name: Simple Green® Clean Building Bathroom Cleaner Concentrate
Additional Names:

Manufacturer's Part Number: **Please refer to Section 16*

Recommended Use: Dilute 1:20 (1ounce of concentrate for every 20 ounces of water) for use on hard non-porous rinsable surfaces

Restrictions on Use: Do not use on non-rinsable surfaces or surfaces not tolerate of low pH.

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Section 2: HAZARDS IDENTIFICATION

This product is classified as hazardous (Eye Corrosive/Irritant – Category 2A; Skin Corrosive/Irritant – Category 2) under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

OSHA HCS 2012
Label Elements
Signal Word: Warning

Hazard Symbol(s)/Pictogram(s):

Hazard Statements:
H319 + H315 – Causes serious eye irritation. Causes skin irritation.

Precautionary Statements:
P264 – Wash hands thoroughly after handling.
P280 – Wear eye protection. Wear protective gloves (when handling the concentrate).
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical attention.
P302 + P352 – IF ON SKIN: Wash with plenty of water.
P321 – Specific Treatment: see First Aid on this label.
P332 + P313 – If skin irritation occurs: Get medical attention.
P362 + P364 – Take off contaminated clothing and wash before reuse.

Hazards Not Otherwise Classified (HNOC): None

Other Information: None Known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Percent Range
Water	7732-18-5	> 88%*
Urea Monohydrochloride	506-89-8	< 5%*
Ethoxylated Alcohol	68439-46-3	< 5%*
Organic Salt	Proprietary	< 1%*
Colorant	Proprietary	< 1%*

**specific percentages of composition are being withheld as a trade secret*

Section 4: FIRST-AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing.
Skin Contact: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention.
Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Section 4: FIRST-AID MEASURES - continued

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Most Important Symptoms/Effects, Acute and Delayed: None known.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO2, water spray or "alcohol" foam. Avoid high volume jet water.
Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.
Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
For non-emergency personnel: See section 8 – personal protection.
For emergency responders: Avoid eye contact. Use protective gloves and safety goggles.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 95°F (35°C) or freezing temperatures.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate Engineering Controls: Showers, eyewash stations, ventilation systems

Individual Protection Measures / Personal Protective Equipment (PPE)
Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.
Respiratory: Use in well ventilated areas or local exhaust ventilation when cleaning small spaces.
Skin Contact: Use protective gloves (any material.)
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink Liquid	**Partition Coefficient: n-octanol/water:**	Not determined
Odor:	No added fragrance	**Autoignition Temperature:**	Non-flammable
Odor Threshold:	Not determined	**Decomposition Temperature:**	95°F
pH (Concentrate):	1.0 – 1.25	**Viscosity:**	Like water
pH (Use-solution):	2.0 – 3.0	**Specific Gravity:**	1.008 – 1.012
Freezing Point:	0°C (32°F)	**VOCs:**	
Boiling Point & Range:	101°C (213.8°F)	SCAQMD 304-91 / EPA 24:	Not tested
Flash Point:	> 100°C (212°F); Non-flammable	CARB Method 310**: 0.0 g/L 0.0 lb/gal	0.0%

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

Evaporation Rate:	Not determined	***Water & fragrance exemption in calculation*	
Flammability (solid, gas):	Not applicable	SCAQMD Method 313:	Not tested
Upper/Lower Flammability or Explosive Limits:	Not applicable	**VOC Composite Partial Pressure:**	Not determined
Vapor Pressure:	Not determined	**Relative Density:**	8.406 – 8.440 lb/gal
Vapor Density:	Not determined	**Solubility:**	100% in water

Section 10: STABILITY AND REACTIVITY

Reactivity: Non-reactive.
Chemical Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Possibility of Hazardous Reactions: Hazardous gases may occur from contact with ammoniated or chlorinated products.
Conditions to Avoid: Excessive heat or cold.
Incompatible Materials: Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.
Hazardous Decomposition Products: Normal products of combustion - CO, CO2.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:
Inhalation - Overexposure may cause headache.
Skin Contact - Causes skin Irritation
Eye Contact - Causes serious eye irritation.
Ingestion - May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.
Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.
Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.
Interactive effects: Not known.

Numerical Measures of Toxicity

Acute Toxicity:
Oral LD_{50} (rat) > 5 g/kg body weight
Dermal LD_{50} (rabbit) > 5 g/kg body weight
Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation: Causes skin irritation (GHS hazard category 2).
Eye Damage/Irritation: Causes serious eye irritation. (GHS Hazard category 2A)
Germ Cell Mutagenicity: Mixture does not classify under this category.
Carcinogenicity: Mixture does not classify under this category.
Reproductive Toxicity: Mixture does not classify under this category.
STOT-Single Exposure: Mixture does not classify under this category.
STOT-Repeated Exposure: Mixture does not classify under this category.
Aspiration Hazard: Mixture does not classify under this category.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
Aquatic: Urea Monohydrochloride: LC50 for fish, Daphnia is found to be greater than 70 ppm.
Ethoxylated Alcohol: LC50 for fish is found to be greater than 10 ppm.
Terrestrial: Not tested on finished formulation.

Persistence and Degradability: Readily Biodegradable based on biodegradation profile of ingredients
Urea Monohydrochloride: Inorganic. (degrades abiotically)
Ethoxylated Alcohol: Readily biodegradable, 73.8% in 28 days (per OECD 301D).
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: May be offered for recycling.
Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.N. Number: Not applicable **U.N. Proper Shipping Name:** Cleaning Compound, Liquid NOI
Transport Hazard Class(es): Not applicable
Packing Group: Not applicable
Environmental Hazards: Marine Pollutant - NO
Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.
Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises: None known.

U.S. (DOT) / Canadian TDG: Not Regulated for shipping. **ICAO/ IATA:** Not classified as Hazardous
IMO / IDMG: Not classified as Hazardous **ADR/RID:** Not classified as Hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories – Not applicable.
Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable.
Sections 302 – Not applicable.

Clean Air Act (CAA): Not applicable
Clean Water Act (CWA): Not applicable

State Right To Know Lists: No ingredients listed
California Proposition 65: No ingredients listed

Texas ESL:

Ethoxylated Alcohol	68439-46-3	60 µg/m³ long term	600 µg/m³ short term

Section 16: OTHER INFORMATION

Size	UPC
1 Gallon	043318111013

USA items listed only. Not all items listed. USA items may not be valid for international sale.

NFPA:
Health – Eye Irritant Stability – Stable
Flammability – Non-flammable Special - None

Acronyms

NTP	National Toxicology Program	IARC	International Agency for Research on Cancer
OSHA	Occupational Safety and Health Administration	CPSC	Consumer Product Safety Commission
TSCA	Toxic Substances Control Act	DSL	Domestic Substances List

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Section 9 clarifies pH of use-solution & concentrate

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.