

RFP Addendum #3

Request for Proposals for

On-Call Janitorial Services Solicitation #5929

Date of Addendum #3: October 6, 2026

The Request for Proposals for the above named project is amended as noted in this Addendum.

This Addendum lists questions received and SHA's responses in the attached Exhibit A (see Item 1 below), changes Exhibit B in the proposal documents (see Item 2 below), adds a list of cleaning products (see Item 3 below), and extends the proposal deadline (see item 4 below).

Item 1: The attached Exhibit A is a list of questions received and SHA's responses to those questions.

Item 2: This addendum changes Exhibit B. Delete Exhibit B in the original solicitation and replace with the corrected Exhibit B Rev1 attached to this addendum and posted on our website.

Item 3: the attached Exhibit C lists the cleaning products that the vendor is required to use.

Item 4: The **Submission Deadline** is extended to **4pm, Tuesday October 20th, 2026**.

Exhibit A Questions and Answers

Question #	Question	Related To	Answer
1	During the meeting, SHA stated that employees may be paid biweekly. However, the prevailing-wage section states that workers must be paid at least weekly when applicable federal requirements govern. Please confirm the required pay frequency and certified-payroll reporting requirements for HUD-	Wage Compliance	HUD Determined Routine Work Orders: A pay period may not be of any duration longer than semi-monthly. Washington State Work Orders: Pay intervals cannot be longer than one month
2	Sections C.1(b) and C.1(c) appear to assign responsibility for cleaning products, equipment, tools, and supplies to both SHA and the contractor. Please clarify which party will provide each of the following: cleaning chemicals, trash liners and other consumables, vacuums and standard cleaning equipment, floor machines and carpet extractors, pressure-washing equipment, personal protective equipment, closed-loop chemical-dilution systems, floor-stripping and waxing products, equipment maintenance and replacement.	Products and equipment	The selected Contractor will be responsible for providing cleaning products, equipment, tools, and supplies.
3	May the contractor request approval to use its own environmentally preferable cleaning products instead of SHA-	Green cleaning	Each requested alternate product will have to be approved prior to use by SHA.
4	Please clarify the boundary between incidental biohazard cleaning included within the janitorial scope and excluded specialty remediation. Specifically, how should the contractor handle needles or sharps, human waste, and larger blood or bodily-fluid incidents?	Wage Compliance	SHA should be notified when specialty remediation will be required so that the necessary precautions can be taken including the use of appropriate personal protective equipment (PPE).
5	The standard consultant contract lists several insurance coverages that may apply depending on the scope. Please confirm whether the following will be required for this contract: professional liability, commercial crime or employee-theft coverage, pollution liability, cyber liability, sexual-misconduct liability. Please also confirm whether any bid bond, performance bond, payment bond, or fidelity bond will be required.	Insurance and/or Bonds	Professional liability, commercial crime, cyber liability, and sexual-misconduct liability coverage are not required. However, pollution liability coverage is mandatory. Additionally, bid bonds, performance bonds, payment bonds, and fidelity bonds are not required for this solicitation or resulting contract.

6	Will each annual work order identify the assigned properties, applicable wage determinations, and fixed, guaranteed, estimated, or not-to-exceed labor hours?	Wage Compliance	Each annual work order will identify the assigned properties, applicable wage determinations, and anticipated hours.
7	May SHA reduce assigned properties or hours during the work-order period?	Scheduled hours	SHA reserves the right to add or reduce assigned properties and/or hours depending on the needs of the agency.
8	SHA stated during the meeting that overtime rates may be addressed through an addendum. Will Exhibit B be revised to include overtime and holiday rates? If so, how should the contractor apply its markup to those rates?	Overtime and Holiday Rates	Exhibit B will be amended via addendum to include Holiday and Overtime rates. All janitorial services required under this solicitation are expected to be performed during standard working hours in accordance with applicable prevailing wage requirements. Holiday or overtime rates shall only be applied under exceptional circumstances and must receive prior authorization from SHA.
9	The meeting referenced both a start shortly after contract execution and annual work orders running from January 1 through December 31. Please confirm the anticipated contract execution date and service start date.	Award	SHA is anticipating the contract to start on January 1st, 2027.
10	Should the rates entered in Exhibit B exclude sales tax, with applicable sales tax added only to invoices for Limited Partnership properties? Will each work order identify the applicable tax treatment?	Tax	Pursuant to State law (RCW 35.82.210), SHA is exempt from paying sales tax when it obtains goods and services directly from the Bidder / Proposer. In instances where sales tax are applicable it will be applied at the time of issuing the work order.
11	The Vendor Fact Sheet asks for a Washington State contractor license. During the meeting, SHA clarified the requirements for a UBI number and Seattle business license, but the contractor-license requirement was not addressed. Is a Washington State contractor license required for this janitorial-services contract?	Licensing/Certification	It is SHA's understanding that L&I contractor registration applies solely to activities involving the construction, alteration, repair, or improvement of real property. This requirement does not extend to janitorial or routine cleaning services. However, SHA does not assume responsibility should this interpretation be incorrect. Please contact Washington State L&I to confirm the applicable requirements.

12	Going through the RFP I did not see any notice on walking sites, will further property details be shared?	Site walks	At this time, we do not plan on hosting site walks before the submission deadline.
13	Will the solicitation result in an award to one janitorial services provider or whether multiple contractors may be selected under the solicitation?	Award	SHA anticipates to award this contract to a minimum of two (2) vendors.
14	Are the 345.5 scheduled labor hours per week guaranteed contract hours, or are they estimates that may increase or decrease after award?	Scheduled hours	The scheduled labor in the RFP is only an estimated cost, which may increase or decrease after award. The selected Contractor(s) will be notified of building assignments and specific labor hours when the work order process has been initiated.
15	Can SHA provide the required service days, start times, shift times, and service frequency for each of the 28 properties?	Scheduled hours	Please refer to the response for Question #14.
16	Do the square-footage figures represent total building area or the actual cleanable/service area assigned to the contractor?	Square footage/layout	The square footage figures represent the total building area. The actual cleanable/service area depends on the number and size of the residential units.
17	Which properties require day-porter coverage during business hours, and which properties may be serviced after hours?	Day Porter	At this time, the SHA Central Office has a need for Day Porter services. More buildings may be added at the time of award.
18	For the SHA Central Office, how should the 72.5 weekly hours be scheduled? May the contractor divide this workload between two employees?	Wage Compliance	The Contractor may allocate the total seventy-two and one-half (72.5) weekly service hours among two or more employees at the Contractor's sole discretion. No overtime hours are expected or authorized within the 72.5-hour total. The Contractor shall ensure that all assignments, scheduling practices, and hour allocations comply with all applicable federal, state, and local labor laws and regulations.
19	Is quarterly deep cleaning included within the scheduled weekly/annual hours, or will SHA authorize additional billable hours or separate work orders?	Deep cleaning	The quarterly deep cleaning is not included within the scheduled weekly/annual hours. The deep cleaning will be issued through a separate work order and will be invoiced separately.

20	Will stripping/waxing, carpet extraction, autoscrubbing, specialty floor care, and similar deep-cleaning services be separately authorized and billed?	Deep cleaning	Please refer to the response for Question #19.
21	Which prevailing-wage determination should bidders apply to routine janitorial work, and which wage determination applies to specialty floor/deep-cleaning work?	Wage Compliance	Routine janitorial work will fall under the respective Janitor classification and rate for both HUD Determined Routine and Washington State Work Orders. However, the wage determination related to specialty floor/deep-cleaning will need to be determined on a case-by-case basis depending on the specific scope of work involved.
22	Which cleaning chemicals, consumables, paper products, liners, and other supplies will SHA provide, and which items must the contractor furnish?	Products and equipment	Please refer to the response for Question #2.
23	May Custodial 1 Services use a multi-property route staffing model, or does SHA require employees to be permanently assigned to individual properties?	Building assignments	SHA does not require employees to be permanently assigned to a property as long as staffing requirements are met per property.
24	Is travel/transition time between SHA properties billable, included within the scheduled property hours, or expected to be absorbed in the contractor's hourly rate?	Additional expenses	Travel expenses should be built into the proposed hourly rate.
25	May approved substitute/relief employees cover an assigned route when a regular employee is absent, or is prior SHA authorization required for each substitution?	Lapse in coverage	Please refer to the response for Question #23.
26	Are there property-specific security, key/access, background-check, parking, resident-access, or building-orientation requirements that bidders should include in their staffing plan?	Building access	The awarded Contractor(s) will be informed of any property-specific security, building access, parking, and building orientation requirements after being awarded. Background checks will be completed at the time of evaluation and negotiation. The awarded Contractor(s) will not need resident access as the scope only covers common areas.

27	Are there known locations with unusually heavy sanitation, sharps/biohazard, waste-removal, pest, vandalism, or other conditions that could materially affect labor requirements?	Biohazard	No, there should not be excessive sanitation issues, sharps/biohazard, waste removal, pests, and/or vandalism at the properties. There may be occasional instances, but the Contractor(s) should inform the SHA Project Manager of any health and safety issues.
28	Will SHA offer or permit a pre-bid/site walk-through of the higher-hour properties so bidders can evaluate actual cleanable areas and operating conditions?	Site walks	Please refer to the response for Question #12.
29	Could SHA please clarify which prevailing wage classification should be used as the basis for calculating the hourly labor rate and markup for each of the following categories: General Cleaning Services and Deep Cleaning and Floor Care Services, under both the HUD Routine Maintenance and WA State/King County pricing sections?	Wage Compliance	General Cleaning Services work will fall under the respective Janitor classification and rate for both HUD Determined Routine and Washington State Work Orders. However, the wage determination related to specialty floor/deep-cleaning will need to be determined on a case by-case basis depending on the specific scope of work involved.
30	Could SHA please confirm whether the “Percent Markup to Hourly Labor Rates” in Exhibit B should be calculated as a percentage added to the applicable prevailing wage rate, including fringe benefits where applicable?	Rates	For purposes of this solicitation, the required rate shall be a fully loaded rate, inclusive of all direct labor costs, fringe benefits, statutory and payroll burdens, overhead, and the Contractor’s markup.
31	When SHA issues a service request under this contract, how will SHA determine whether the HUD Routine Maintenance pricing or the WA State/King County pricing applies? Will the applicable pricing category be identified in each work order or service request?	Wage Compliance	Applicable prevailing wage schedules will be determined by funding source at the time each work order will be issued.
32	Could SHA clarify what standard cleaning products and equipment will be provided at each property, and provide examples of situations where the Vendor would be required to furnish additional chemicals, supplies, or equipment?	Products and equipment	Please refer to the response for Question #2.
33	Are the 345.5 scheduled labor hours per week guaranteed contract hours, or are they estimates that may increase or decrease after award?	Scheduled hours	Please refer to the response for Question #14.

34	Can SHA provide the required service days, start times, shift times, and service frequency for each of the 28 properties?	Award	The service days, start times, shift times, and service frequency will be issued on the work order.
35	Do the square-footage figures represent total building area or the actual cleanable/service area assigned to the contractor?	Square footage/layout	Please refer to the response for Question #16.
36	Which properties require day-porter coverage during business hours, and which properties may be serviced after hours?	Day porter	Please refer to the response for Question #36.
37	For the SHA Central Office, how should the 72.5 weekly hours be scheduled? May the contractor divide this workload between two employees?	SHA Central Office	Please refer to the response for Question #18.
38	Is quarterly deep cleaning included within the scheduled weekly/annual hours, or will SHA authorize additional billable hours or separate work orders?	Deep cleaning	Please refer to the response for Question #19.
39	Will stripping/waxing, carpet extraction, autoscrubbing, specialty floor care, and similar deep-cleaning services be separately authorized and billed?	Deep cleaning	Please refer to the response for Question #19.
40	Which prevailing-wage determination should bidders apply to routine janitorial work, and which wage determination applies to specialty floor/deep-cleaning work?	Wage Compliance	Routine janitorial work will fall under the respective Janitor classification and rate for both HUD Determined Routine and Washington State Work Orders. However, the wage determination related to specialty floor/deep-cleaning will need to be determined on a case-by-case basis depending on the specific scope of work involved.
41	Which cleaning chemicals, consumables, paper products, liners, and other supplies will SHA provide, and which items must the contractor furnish?	Products and equipment	Please refer to the response for Question #2.
42	May Custodial 1 Services use a multi-property route staffing model, or does SHA require employees to be permanently assigned to individual properties?	Lapse in coverage	Please refer to the response for Question #23.
43	Is travel/transition time between SHA properties billable, included within the scheduled property hours, or expected to be absorbed in the contractor's hourly rate?	Additonal expenses	Please refer to the response for Question #24.

44	May approved substitute/relief employees cover an assigned route when a regular employee is absent, or is prior SHA authorization required for each substitution?	Lapse in coverage	Please refer to the response for Question #23.
45	Are there property-specific security, key/access, background-check, parking, resident-access, or building-orientation requirements that bidders should include in their staffing plan?	Building access	Please refer to the response for Question #26.
46	Are there known locations with unusually heavy sanitation, sharps/biohazard, waste-removal, pest, vandalism, or other conditions that could materially affect labor requirements?	Biohazard	No, there should not be excessive sanitation issues, sharps/biohazard, waste removal, pests, and/or vandalism at the properties. There may be occasional instances, but the Contractor(s) should inform the SHA Project Manager of any health and safety issues.
47	Will SHA offer or permit a pre-bid/site walk-through of the higher-hour properties so bidders can evaluate actual cleanable areas and operating conditions?	Site walks	Please refer to the response for Question #12.
48	Exhibit A Hours — Estimated or Committed: Exhibit A identifies approximately 345.5 total weekly hours and 17,966 annual hours across the listed properties. Should proposers consider these hours anticipated/estimated usage, minimum scheduled hours, or the expected annual service volume?	Scheduled hours	Please refer to the response for Question #14.
49	Multiple Contract Awards / Allocation of Work: The RFP states that SHA expects to execute one or more contracts. If multiple vendors are selected, how does SHA anticipate allocating properties or work among the awarded vendors? For example, would vendors be assigned specific properties, geographic groups, work orders, or another portion of the overall scope? Is any minimum volume anticipated for each awarded contractor?	Award	SHA anticipates awarding the contract to a minimum of two vendors and will distribute the scope of work based on geographic considerations, applicable funding sources, and the overall volume of required services.

50	Exhibit A Service Hours: Are the hours listed for each property intended to represent total labor hours—for example, two employees working two hours equals four labor hours—or the amount of time SHA expects the property to receive janitorial coverage regardless of crew size?	Scheduled hours	Please refer to the response for Question #14.
51	Quarterly Deep Cleaning: The Scope of Work requires deep cleaning at least quarterly and also permits additional deep cleaning on an as-needed basis. Are the scheduled hours shown in Exhibit A intended to include the required quarterly deep-cleaning/floor-care services, or should those services be considered additional hours billed under the separate Deep Cleaning and Floor Care rate in Exhibit B?	Deep cleaning	Please refer to the response for Question #19.
52	Property Addresses and Cleanable Square Footage: Section C states that property addresses are shown in Exhibit A; however, Exhibit A appears to provide property names, total square footage, stories, unit counts, and scheduled hours without property addresses. Could SHA provide the addresses for the 28 locations? Additionally, where available, can SHA provide the approximate common-area or janitorial-service square footage for each property, rather than total building square footage? Section C currently states that exact service-area square footage will be clarified during negotiation.	Square footage/layout	The cleanable square footage shall be provided upon the work order process.
53	Day Porter vs. After-Hours Schedule: Section C identifies "After-Hours Services" as being from 8:00 AM to 4:30 PM. Could SHA clarify whether 8:00 AM–4:30 PM is the intended after-hours service window or whether this is a typographical error? If evening, weekend, or holiday service is anticipated, could SHA identify the general expected service windows?	Scheduled hours	SHA business hours are from 8:00AM to 4:30PM on Mondays through Fridays. After-hours service would be any time outside of those hours. The general expected service window will primarily fall within SHA business hours.

54	SHA-Provided vs. Vendor-Provided Supplies and Equipment: Section C states that SHA will provide standard cleaning products and equipment and maintain product inventory onsite; the following paragraph states that the Vendor shall provide all equipment/tools and janitorial supplies necessary to perform the work. Could SHA clarify the division of responsibility between SHA and the Vendor for cleaning chemicals, consumable janitorial supplies, equipment, tools, PPE, restroom supplies/liners, and specialty floor-care equipment?	Products and equipment	Please refer to the response for Question #2.
55	Closed-Loop Dilution Systems: The sustainability requirements state that the Vendor is responsible for providing closed-loop dilution systems. Will these systems be required at all 28 properties? If so, are existing compatible dispensers/connections available at SHA properties, or should proposers include the acquisition, installation, maintenance, and/or relocation of these systems in their fully loaded hourly rates?	Products and equipment	The closed-loop dilution systems are currently installed at our properties. Some properties may not have a system installed, which would be exempt from the requirement.
56	HUD vs. Washington State Prevailing Wage: Exhibit B requests separate rates for HUD Routine Maintenance and Washington State/King County work. How will SHA determine which wage schedule applies to a particular property, task, or work order? Will the applicable wage determination be identified by SHA at the time each assignment or work order is issued? The prevailing-wage section indicates that applicable wage determinations may be attached to individual work orders, so confirmation would help us construct the fee schedule correctly.	Wage Compliance	Please refer to the response for Question #31.

57	Exhibit B Percentage Markup: Exhibit B requests both a fully loaded hourly labor rate and a "Percent Markup to Hourly Labor Rates." Could SHA clarify the base against which the markup percentage should be calculated—for example, the published base wage only, base wage plus fringe benefits, or another direct-labor cost basis?	Rates	Please refer to the response for Question #30.
58	Overtime, Weekend, and Holiday Wage Premiums: Where applicable prevailing-wage rules require overtime, weekend, holiday, or shift premiums, should proposers incorporate those potential premiums into the standard fully loaded rates submitted in Exhibit B, or will SHA authorize and compensate those premiums separately when the applicable schedule requires them?	Overtime and Holiday Rates	Please refer to the response for Question #8.
59	Expected Response / Turnaround Standard: Criterion 5 asks proposers to state average turnaround time from SHA's request to the actual start of service. Does SHA have a target or required response time for routine on-call requests and urgent/emergency requests? If different response standards exist, could SHA identify them?	Evaluation Criteria	Please refer to the response for Question #136.
60	Criterion 6 — Affordable/Low-Income Housing Experience: For purposes of Criterion 6, may a proposer demonstrate relevant affordable/low-income housing experience through the experience of its proposed key personnel and/or approved subcontractors, or is SHA specifically evaluating only experience performed under the proposing company's current legal entity? This clarification would help ensure that relevant team experience is presented in the format SHA intends to evaluate. Criterion 6 is weighted at 20 points, while the RFP separately allows firms or team members to provide similar-work references and recognizes expertise through in-house staff or sub-vendors.	Evaluation Criteria	Proposers may demonstrate relevant experience for Criterion 6 through the experience of key personnel and / or subcontractors.

61	Green Cleaning Evaluation: Because SHA will provide environmentally preferable cleaning products, under Criterion 7 is SHA primarily evaluating the proposer's operational green-cleaning program—such as procedures, training, chemical management, dilution systems, equipment, and contamination-control practices—or should proposers also propose specific environmentally preferred products and brands they anticipate using?	Evaluation Criteria	SHA has an internal process for evaluating green-cleaning products and/or alternative products. If you have an alternative product, please notify the Project Manager to submit for review.
62	Subcontractors / Specialized Services: If a proposer intends to use specialized subcontractors for services such as carpet extraction, floor stripping/waxing, specialty window cleaning, or other portions of the scope, does SHA require those subcontractors to be identified in the proposal, or may they be submitted for SHA approval after contract award? The RFP permits expertise through sub-vendors but also reserves SHA's final approval of sub-vendors.	Subcontractors	Proposers that intend to utilize subcontractors for specialized services should identify them in the proposal.
63	Does SHA have an estimated annual contract value, anticipated budget, or historical annual spend for these services that can be provided to proposers?	Budget	The current advertised budget is an estimate based on historical data.
64	Are Vendors permitted to use properly licensed, insured, and vetted subcontractors to perform services? If so, must anticipated subcontractors be identified at the time of proposal, or may they be added after award subject to SHA approval?	Licensing/Certification	Please refer to response for Question #118.
65	For Exhibit B's "Percent Markup to Hourly Labor Rates," should the markup be calculated against the basic hourly wage only or the basic wage plus required fringe benefits? Additionally, can SHA clarify when the HUD Routine Maintenance rate versus the Washington State/King County prevailing wage rate applies?	Wage Compliance	For question one refer to response for Question #118. For questions two refer to response for Question #6.

66	Can SHA clarify which cleaning products, consumables, supplies, tools, and equipment will be provided by SHA versus those the Vendor is expected to provide and include in the fully loaded hourly rate?	Products and equipment	Please refer to the response for Question #2. All expenses should be included in the fully loaded hourly rate.
67	When employees service multiple SHA properties during the same shift, is travel time between properties billable? Are mileage and parking expenses reimbursable, and is contractor parking available at the properties?	Additonal expenses	Regarding travel expenses, please refer to the response for Question #24. Mileage and parking expenses are not reimbursable. On-site parking shall be provided.
68	Are overtime, weekend, holiday, or emergency rates permitted when requested by SHA? Also, are quarterly deep-cleaning and floor-care hours included in Exhibit A's annual hours, or are these services requested and billed separately under the Deep Cleaning and Floor Care rate in Exhibit B?	Overtime and Holiday Rates	Please refer to the response for Question #8 for the first question. Please refer to the response for Question #19 for the second question.
69	Is the Seattle Business License required at the time of proposal submission, or would it be acceptable to obtain and provide the license number upon award?	Licensing/Certification	For questions related to City of Seattle Business License requirements reach out to https://www.seattle.gov/city-finance/business-taxes-and-licenses/business-licenses#who
70	Day Porter Staffing: For locations requiring Day Porter services, does SHA anticipate a dedicated full-time porter for the listed service hours, or should proposers determine the staffing hours necessary to meet the performance requirements?	Day Porter	For Day Porter services, we only anticipate two (2) hours per day from Monday to Friday.
71	After-Hours Schedule: The Scope of Work describes "After-Hours Services" as being from 8:00 AM to 4:30 PM. Could SHA please confirm whether those hours are correct or whether different after-hours service times were intended?	Scheduled hours	Please refer to the response for Question #53.

72	Supplies and Equipment: The RFP states that SHA will provide standard cleaning products and equipment, while another provision states that the Vendor shall provide the labor, equipment/tools, and janitorial supplies necessary to perform the services. Could SHA clarify which supplies, consumables, chemicals, and equipment will be provided by SHA and which should be included in the Vendor's fully loaded pricing?	Products and equipment	Please refer to the response for Question #66.
73	Prevailing Wage: For purposes of developing the Fee Schedule, which wage determination should proposers use—the HUD Routine Maintenance determination, Washington State/King County prevailing wage determination, or the higher applicable rate? Will the applicable wage determination vary depending upon the property or individual Work Order?	Wage Compliance	For question one: exhibit B indicates hourly rates for for HUD Routine Maintenance and WA State / King County. For question two, please refer to the response for Question #6.
74	Award Structure: Does SHA anticipate awarding one contract covering all 28 properties, making multiple awards covering the entire portfolio, or allocating properties and/or Work Orders among multiple awarded vendors?	Award	Please refer to the response for Question #49.
75	Local Staffing/Subcontractors: Criterion 5 requests the number of available staff members currently serving the Seattle/King County area. If a proposer intends to perform the contract using a combination of its management team and qualified local subcontractor personnel, may committed subcontractor personnel be included when responding to this criterion?	Subcontractors	Proposers may demonstrate relevant experience for Criterion 5 through subcontractors.

76	Washington Registration/UBI Requirement: The Basic Eligibility section states that, by submitting a proposal, the proposer represents that it is licensed to do business in the State of Washington and has a Washington Unified Business Identifier (UBI) number. If the prime contractor is an out-of-state company and proposes to utilize an approved subcontractor that is properly registered and licensed to do business in Washington, must the prime contractor itself also be registered/licensed to do business in Washington and obtain its own Washington UBI prior to proposal submission, or may this requirement be satisfied through the Washington-registered subcontractor?	Licensing/Certification	The prime contractor is required to be licensed to do business in the State of WA and have a Washington Unified Business Identifier (UBI) number.
77	Is the Seattle Business License required at the time of proposal submission, or would it be acceptable to obtain and provide the license number upon award?	Licensing/Certification	Please refer to the response for Question #69.
78	Will SHA select one contractor or several? If several, will the 345.5 weekly / 17,966 annual hours be divided among them?	Award	Please refer to the response for Question #49.
79	Are these required staffing hours or estimates that may change based on work orders and the agreed scope?	Scheduled hours	Please refer to the response for Question #14.
80	Will each contractor receive assigned properties and estimated weekly hours at award?	Award	Please refer to the response for Question #49.
81	Is any minimum workload guaranteed?	Award	At the time of the work order, the awarded Vendor will receive anticipated hours for one (1) annual term. SHA reserves the right to add or reduce building assignments and/or hours.
82	Are quarterly services included in Exhibit A's hours or billed as additional hours under the Deep Cleaning and Floor Care rate?	Deep cleaning	Please refer to the response for Question #19.
83	Will these services be separate line items on work orders?	Deep cleaning	Please refer to the response for Question #19.
84	Should we expect quarterly service at each property, with additional visits only when requested?	Deep cleaning	Please refer to the response for Question #19.
85	Will work orders list the areas to clean and approved hours?	Scheduled hours	Please refer to the response for Question #14.

86	Which HUD-52158 labor classification, basic wage, and fringe rate should we use for Deep Cleaning and Floor Care in Exhibit B?	Wage Compliance	The HUD-52158 labor classification related to Deep Cleaning and Floor Care will need to be determined on a case-by-case basis depending on the specific scope of work involved.
87	Will SHA confirm the applicable wage schedule in writing for each property and work order?	Wage Compliance	Please refer to the response for Question #31.
88	Before proposals are due, can SHA identify which properties use HUD versus Washington State/King County rates?	Wage Compliance	Please refer to the response for Question #31.
89	When does Exhibit C's higher-rate rule apply?	Wage Compliance	Applicable prevailing wage schedules will be determined by funding source at the time each work order will be issued.
90	How should fringe amounts be paid if an employer does not provide qualifying benefits?	Wage Compliance	The employer may pay the fringe benefit amount in cash wages in lieu of providing the qualifying fringe benefit.
91	Are all Exhibit B rates per individual worker-hour, including carpet cleaning under Deep Cleaning and Floor Care?	Rates	Yes, Exhibit B rates shall be according to hourly rates per individual.
92	Should markup be calculated on base wages, wages plus fringe, or another amount?	Wage Compliance	Please refer to the response for Question #6.
93	Are travel between properties, setup, furniture moving, stain treatment, cleanup, supervision, and reporting billable time, or should these costs be included in the hourly rate?	Additonal expenses	Please refer to the response for Question #24.
94	How should required weekend, overtime, shift, or other premium pay be included in Exhibit B's rates?	Overtime and Holiday Rates	Please refer to the response for Question #8.
95	What will SHA provide at each property, and what must contractors include in their rates?	Products and equipment	Please refer to the response for Question #66.
96	Specifically, who provides consumables, carpet extractors, stripping/waxing/buffing machines, cleaning and spot-treatment products, floor finishes, and closed-loop dilution systems?	Products and equipment	Please refer to the response for Question #2.
97	Can contractors use their own products with SHA's approval?	Green cleaning	Please refer to the response for Question #61.
98	How will additional supplies or equipment requested by SHA be paid for?	Products and equipment	Please refer to the response for Question #66.

99	Before proposals are due, can SHA provide approximate cleanable square footage, carpet and hard-floor quantities, and flooring types for each property?	Square footage/layout	Please refer to the response for Question #52.
100	Are walkthroughs available?	Site walks	Please refer to the response for Question #12.
101	Are there wool carpets or other materials requiring special cleaning?	Special cleaning	There are no wool carpets in SHA's portfolio.
102	Are there wool carpets or other materials requiring special cleaning?	Special cleaning	Please refer to the response for Question #102.
103	Will final cleanable square footage or defines service areas be provided before work starts?	Square footage/layout	Please refer to the response for Question #52.
104	Is hot-water extraction required for every carpet deep cleaning, or can low-moisture methods be used when suitable for the carpet and drying needs?	Special cleaning	The extraction process shall be done in compliance with all instructions provided by the carpet manufacturer, manufacturer of the equipment, and manufacturer of all materials and chemicals.
105	What counts as routine spot cleaning versus separately approved deep cleaning or special stain and odor treatment?	Deep cleaning	Routine janitorial work will fall under the respective Janitor classification and rate for both HUD Determined Routine and Washington State Work Orders. However, the wage determination related to specialty floor/deep-cleaning will need to be determined on the specific scope of work involved.
106	How should we document permanent stains or existing damage when full removal is not possible?	Documentation/Deliverables	Written documentation along with pictures should be sent to the Project Manager.
107	Will Exhibit A's days and hours stay fairly consistent?	Scheduled hours	Please refer to the response for Question #14.
108	How much notice will contractors receive for schedule changes or additional property assignments?	Scheduled hours	Please refer to the response for Question #14.
109	What cleaning hours and drying times are allowed?	Scheduled hours	The allowable cleaning hours and drying times will be specified during the work order process.
110	Will water, power, an approved wastewater-disposal location, and parking for equipment access be available?	Building access	Please refer to the response for Question #26.

111	Do any of the 28 locations have paid parking or special access restrictions?	Building access	Please refer to the response for Question #26.
112	For biohazard spills, sharps-container handling, graffiti removal, and pressure washing, which tasks are routine and which need separate approval?	Wage Compliance	Routine janitorial work will fall under the respective Janitor classification and rate for both HUD Determined Routine and Washington State Work Orders. Any additional tasks require prior written approval from SHA, and SHA reserves the right to determine that such services may be performed by a specialized contractor.
113	Which Exhibit B rate applies to each?	Rates	The rates on Exhibit B are for "general cleaning services" and "deep cleaning and floor care services". Any tasks that are not considered general cleaning services and deep cleaning and floor care services require prior written approval from SHA, and SHA reserves the right to determine that such services may be performed by a specialized contractor.
114	Are certified-payroll reports due every other week through Washington L&I?	Wage Compliance	Contractors are required to file weekly certified payroll reports online through Washington L&I at least monthly.
115	Is LCPtracker also required?	Wage Compliance	LCPtracker is required for all federally funded projects including HUD Determined Routine Work Orders.
116	Does Exhibit C require employees to be paid weekly?	Wage Compliance	Please refer to the response for Question #114.
117	Besides the daily onsite cleaning log, is there a required clock-in/clock-out, timekeeping, or electronic reporting system?	Documentation/Deliverables	SHA is working on a reporting process.

118	What approval, eligibility, and certified-payroll documents are required for independent contractors or owner-operated subcontractors? Are there limits on using them for regular janitorial work?	Wage Compliance	Independent contractor or owner-operated subcontractors are permitted provided that they are properly licensed and meet the requirements under RCW 39.12 that are applicable to public works subcontractors. All contractors and owner-operators need to provide weekly certified payrolls to LNI at least monthly. Owner-operators need to provide certified payrolls with information regarding 1) First and last name, 2) % Own of company, 3) Trade, 4) Job classification, and 5) Total hours worked that week.
119	Does tax treatment differ between SHA-owned and LP-owned properties?	Tax	Please refer to the response for Question #10.
120	If so, which properties are affected, which taxes apply, and how should they appear in Exhibit B and on invoices?	Tax	Please refer to the response for Question #10.
121	Are the weekly hours listed in Exhibit A intended to be estimated hours, maximum allowable hours, or guaranteed hours? If the actual time required to properly complete the specified scope exceeds the estimated hours, can additional hours be authorized through the Work Order and billed at the awarded hourly rate?	Scheduled hours	Please refer to the response for Question #14.
122	During the meeting, it was discussed that the applicable prevailing wage requirements may vary depending on the property and funding source. If the applicable HUD or Washington State wage determination is not known until a specific Work Order is issued, how should bidders account for the potential difference in wage and fringe-benefit requirements when establishing proposal pricing? Will the contractor's pricing be adjusted at the Work Order level when the applicable wage determination is issued?	Wage Compliance	Proposers shall consider wage schedules included with the solicitation when proposing hourly rates. SHA will consider rate adjustments if applicable wage rates increase when issuing Work Orders.

123	The solicitation references an estimated contract value of approximately \$400,000. Could you please clarify whether this amount represents the anticipated total value of the entire procurement, the anticipated value per selected contractor, or another estimate? I am asking because the annual hours reflected in Exhibit A appear to result in a substantially higher potential contract value when prevailing wage, fringe benefits, and required employer costs are considered.	Scheduled hours	Please refer to the response for Question #14.
124	Are periodic deep cleaning, floor care, specialty cleaning, or other non-routine services expected to be completed within the regular weekly hours shown in Exhibit A, or would these services generally be authorized separately through additional Work Order hours?	Deep cleaning	No, deep cleaning services will be authorized separately through an additional work order.
125	Could you please confirm which operating expenses are expected to be incorporated into the contractor's hourly rate, including cleaning chemicals, equipment, floor-care equipment, trash liners or other consumables, parking expenses, and travel between SHA properties?	Additonal expenses	The selected Contractor will be responsible for providing cleaning products, equipment, tools, and supplies.
126	My understanding from the meeting is that required supervision, administrative/reporting responsibilities, and travel between SHA properties are included within the authorized Work Order hours. Could you please confirm whether the estimated hours shown in Exhibit A were developed with sufficient time contemplated for these responsibilities in addition to the actual cleaning services?	Additonal expenses	The estimated hours shown in Exhibit A does not account for travel time, supervision, and administrative / reporting responsibilities.
127	Is there a company that is currently doing this cleaning that we are able to communicate with?	Current services	We currently are utilizing a cooperative purchasing agreement from the Department of Enterprise Services (Contract #_). The two Contractors for janitorial services in our common areas are as listed: 1. Sealx 2. American Custodial

128	what is the typical form of contact for required work call outs?	Communication	For any call outs, the awarded Contractor(s) shall contact the Project Manager and the designated on-site Property Manager.
129	will property maps or building layouts provided to the awarded companies?	Square footage/layout	Property maps and building layouts shall be provided during the work order process.
130	Does glass service include only safely reachable glass, or upper story/scaffold exterior windows? Are needles, sharps, substantial bodily-fluid incidents, and other hazardous remediation excluded from routine janitorial service?	Special cleaning	Glass service only includes safely reachable glass. For question two please refer to the response for Question #4.
131	Is the price for floor care priced per sqft or per hour work? Also, will you provide supplies for strip and wax etc.	Rates	The cost for floor care will be determined by labor hours. All supplies, products, and equipment will be provided by the Contractor.
132	What is the typical form of contact for required work call outs?	Communication	Please refer to the response for Question #130.
133	What is the anticipated turnaround time from call to cleaning?	Communication	The turnaround time will depend on the approval process per work order.
134	How quickly does the vendor need to respond with a cleaning? 24hrs etc.	Scheduled hours	Please refer to the response for Question #14.
135	My company is located out of state. How does that relate to Section 3 Business Concern and Section 3 Worker Income Limits applicable to this proposal?	Section 3	The current Section 3 Business Concern and Section 3 Worker Income Limits are posted on the SHA website.
136	Are 1099 workers allowed to perform the services under a prime consultant?	Wage Compliance	Yes, provided that they are properly licensed and meet the requirements under RCW 39.12 that are applicable to public works subcontractors.
137	Do we have to pay weekly under this contract? payment can be state and federally funded depending on each work order	Wage Compliance	Federally Funded HUD Routine Work Orders: Must pay employees at least semi-monthly. State Funded Work Orders: Must pay employees at least monthly.

138	What are the overtime / holiday requirements when HUD routine rates are applicable?	Wage Compliance	For HUD routine rates overtime is required when workers work more than 40 hours in a given week. Holiday requirements for HUD routine rates will be consistent with the requirements published by LNI for each of the respective wage classifications.
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SOLICITATION #5929**Addendum #3****Exhibit B, Rev1****Pricing Table**

All hourly rates shall be fully burdened and include all applicable indirect costs, and profit / mark-up (except state and local retail sales tax to be added by SHA to each Work Order if applicable).

Solicitation #5929 On-Call Janitorial Services				
Category	Unit of Measure	HUD Routine Maintenance 52158 Prevailing Wage Requirements.		
		Standard Time	Overtime	Holiday
General Cleaning Services	Hourly	\$	\$	\$
Deep Cleaning and Floor Care Services	Hourly	\$	\$	\$
Category	Unit of Measure	WA State, King County Prevailing Wage Requirements.		
		Standard Time	Overtime	Holiday
General Cleaning Services	Hourly	\$	\$	\$
Deep Cleaning and Floor Care Services	Hourly	\$	\$	\$

Exhibit C Cleaning Products

Product Name	Cleaning Purpose	Purchase Link
Simple Green All Purpose Cleaner	All Purpose Cleaner	https://www.amazon.com/13005CT-Industrial-Cleaner-Degreaser-Concentrated/dp/B0000AXNO5/ref=sr_1_1?crid=111F54HQC88WD&keywords=B0000AXNO5&qid=1678215794&srefix=b0000axno5%2ccaps%2c125&sr=8-1
Clorox Green Works All Purpose Spray	All Purpose Cleaner	https://www.amazon.com/CloroxPro-Commercial-Solutions-Healthcare-Industrial/dp/B004H78ZYG/ref=sr_1_2?crid=1LL77CTU7KVUG&keywords=Clorox+Green+Works+All+Purpose+Spray&qid=1678216200&s=industrial&srefix=clorox+green+works+all+purpose+spray%2cindustrial%2c166&sr=1-2
Seventh Generation Free & Clear All-Purpose Cleaner	All Purpose Cleaner	https://www.amazon.com/Seventh-Generation-Purpose-Cleaner-Pack/dp/B08HZXTJIC/ref=sr_1_1?crid=1GR4CYN3A0TT8&keywords=Seventh%2BGeneration%2BFree%2B%26%2BClear%2BAll-Purpose%2BCleaner&qid=1678216336&srefix=seventh%2Bgeneration%2Bfree%2B%26%2BClear%2BAll-purpose%2BCleaner%2Caps%2C164&sr=8-1&th=1
Simple Green All Purpose Wipes	All Purpose Cleaner	https://www.amazon.com/SIMPLE-GREEN-13312-Purpose-Wipes/dp/B0000CF47O/ref=sr_1_4?crid=3RNDP6076HXNV&keywords=simple+green+all+purpose+wipes&qid=1690392793&srefix=simple+green+all+purpose+wipe%2ccaps%2c139&sr=8-4
Diversey Alpha HP Multi-Surface Cleaner (Concentrated)	All Purpose Cleaner	https://www.amazon.com/Diversey-Alpha-HP-Multi-Surface-Disinfectant-50-7-Ounce/dp/B018Q16JSQ/ref=b2b_gw_d_puwl_sccl_2/147-3155108-9757927?pd_rd_w=nezCk&content-id=amzn1.sym.86543892-2589-42b3-9643-f5069953e62e&pf_rd_p=86543892-2589-42b3-9643-f5069953e62e&pf_rd_r=C2NPR1P5EW6JE7JP8SJA&pd_rd_wg=Fwxj8&pd_rd_r=9680569b-1823-4216-938b-dfec0e99c838&pd_rd_i=B018Q16JSQ&th=1
Diversey Stride Citrus Neutral Cleaner (Concentrated)	All Purpose Cleaner	https://www.amazon.com/Diversey-903904-Commercial-Concentrate-1-Gallon/dp/B075874LHN/ref=sr_1_2?crid=2RBGE1J6PRDXW&keywords=stride%2Bcitrus%2Bneutral%2BCleaner&qid=1696878749&s=industrial&srefix=stride%2Bcitru%2Cindustrial%2C173&sr=1-2&th=1
Clorox Free and Clear Compostable Cleaning Wipes	All Purpose Cleaner	https://www.amazon.com/Clorox-32486-Cleaning-Compostable-75-Ct/dp/B0BSHDHVQY/ref=sr_1_1?keywords=clorox+free+and+clear+compostable+cleaning+wipes&qid=1704922373&sr=8-1
Pumice Stone (no SDS)	Bathroom Cleaner	https://www.amazon.com/MARYTON-Cleaning-Replaceable-Removing-Stubborn/dp/B0C4H622M1/ref=sr_1_4_sspa?keywords=pumice+stone+for+toilet+cleaning&qid=1704922763&sr=8-4-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1
Simple Green All Purpose Cleaner	Floor Cleaner	https://www.amazon.com/13005CT-Industrial-Cleaner-Degreaser-Concentrated/dp/B0000AXNO5/ref=sr_1_1?crid=111F54HQC88WD&keywords=B0000AXNO5&qid=1678215794&srefix=b0000axno5%2ccaps%2c125&sr=8-1
Simple Green All Purpose Cleaner & Degreaser	Degreaser	https://www.amazon.com/13005CT-Industrial-Cleaner-Degreaser-Concentrated/dp/B0000AXNO5/ref=sr_1_4?crid=B52Q2H8NW0WW&keywords=Simple%2BGreen%2BAll%2BPurpose%2BCleaner%2B%26%2BDegreaser&qid=1678218397&s=industrial&srefix=simple%2Bgreen%2BAll%2BPurpose%2BCleaner%2B%26%2BDegreaser%2Cindustrial%2C138&sr=1-4&th=1
Simple Green Pro HD (Concentrated)	Degreaser	https://www.amazon.com/SIMPLE-Purple-Concentrated-Cleaner-Degreaser/dp/B00103YQ88/ref=sr_1_1_sspa?crid=1J5NC923BU9K&keywords=simple%2Bgreen%2Bpro%2Bhd%2Bheavy-duty%2BCleaner&qid=1696459435&srefix=simple%2Bgreen%2Bpro%2Bhd%2Caps%2C131&sr=8-1-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1
OdoBan 3-in-1 Carpet Cleaner	Carpet Cleaner	https://www.amazon.com/OdoBan-Professional-Cleaning-Cleaner-Concentrate/dp/B07VVTBPK1/ref=sr_1_5?crid=2TTRFMWC0T1R6&keywords=OdoBan+3-in-1+Carpet+Cleaner&qid=1678218753&s=industrial&srefix=odoban+3-in-1+carpet+cleaner%2cindustrial%2c141&sr=1-5
Simple Green All Purpose Cleaner	Carpet Cleaner	https://www.amazon.com/13005CT-Industrial-Cleaner-Degreaser-Concentrated/dp/B0000AXNO5/ref=sr_1_1?crid=111F54HQC88WD&keywords=B0000AXNO5&qid=1678215794&srefix=b0000axno5%2ccaps%2c125&sr=8-1
Seventh Generation Glass and Surface Cleaner	Glass Cleaner	
ECOS Window Cleaner (vinegar)	Glass Cleaner	https://www.amazon.com/Earth-Friendly-Products-Cleaner-22-Ounce/dp/B004YIX91G
Diversey Inc Oxivir Tb	Disinfectant	https://www.amazon.com/Diversey-Oxivir-Tb-Disinfectant-Container/dp/B074WZPTFC/ref=sr_1_4?crid=2KKQRHLS0TDED&keywords=Diversey+Inc+E2%80%8B+E2%80%8B+Oxivir+Tb&qid=1678227533&s=industrial&srefix=diversey+inc+oxivir+tb%2cindustrial%2c158&sr=1-4
Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant	Disinfectant	https://www.amazon.com/Clorox-Healthcare-Hydrogen-Peroxide-Disinfectant/dp/B078HCFT1/ref=sr_1_5?crid=BQ09GVJFGSD4&keywords=Clorox+Commercial+Solutions%C2%AE+Hydrogen+Peroxide+Cleaner+Disinfectant&qid=1678228000&s=industrial&srefix=clorox+commercial+solutions+hydrogen+peroxide+cleaner+disinfectant%2cindustrial%2c135&sr=1-5

ECOS PRO Stainless Steel Cleaner & Polish, Free & Clear	Stainless Steel Cleaner	https://www.amazon.com/Earth-Friendly-Proline-PL9330-04/dp/B007A2G3AM/ref=sr_1_2?crid=3GX57SK18Y2A&keywords=ECOS+PRO+Stainless+Steel+Cleaner+%26+Polish%2c+Free+%26+Clear&qid=1678228716&srefix=ecos+pro+stainless+steel+cleaner+%26+polish%2c+free+%26+clear%2caps%2c146&sr=8-2
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Safety Data Sheet

complying with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product name: ECOS™ Window Cleaner, Vinegar

Formula number: 9300

Revision date: 2/12/2020



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

1.1. Product Identifier

Trade Name: ECOS™ Window Cleaner, Vinegar

Other Identifier: 9300

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Liquid window cleaner. Use as directed.

1.3. Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

Venus Laboratories dba Earth Friendly Products

11150 Hope Street

Cypress, CA

90630

Tel: (800)-841-3100

1.4. Emergency telephone number:

Chemtrec: (800)-424-9300

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard 29 CFR 1910.1200:

Skin corrosion/irritation, Category 3- Causes mild skin irritation

2.2. Label Elements

Hazard pictograms: None

Signal word: Warning

Hazard statements: None

Precautionary statements:

P102 Keep out of reach of children.

P332+313: If skin irritation occurs: seek medical advice/attention

Additional information: No additional relevant information.

Hazards not otherwise classified: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Description of the mixture: Liquid window cleaner.

Hazardous ingredients per OSHA Hazard Communication Standard 29 CFR 1910.1200:

Chemical name	CAS No.	Classification according to OSHA Hazard Communication Standard 29 CFR 1910.1200	%
Acetic acid	64-19-7	Eye dam. 1, H318 Skin dam. 1, 314	<1%

Additional information: For the wording of the listed hazard phrases refer to section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: No special measures required. Avoid contact with eyes.

After inhalation: Seek medical treatment in case of complaints.

After skin contact: In case of skin irritation, consult a physician.

After eye contact: Rinse with water. If irritation occurs, consult a physician.

After swallowing: Drink plenty of water and provide fresh air. If irritation or discomfort occurs, seek medical attention. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed: No relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed: No relevant information available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray.

5.2. Special hazards arising from the substance or mixture: No relevant information available.

5.3. Advice for firefighters

Protective equipment: No special measures required.

Additional information: Collect contaminated firefighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
- 6.2. For emergency responders: Wear protective equipment. Keep unprotected persons away.
- 6.3. Environmental precautions: No special measures required.
- 6.4. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).
- 6.5. Reference to other sections:
 - See Section 7 for information on safe handling.
 - See Section 8 for information on personal protection equipment.
 - See Section 13 for disposal information.

7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling:
 - No special precautions are necessary if used correctly.
 - Information about fire - and explosion protection: No special measures required.
- 7.2. Conditions for safe storage, including any incompatibilities:
 - Storage: Store in cool, dry conditions in well-sealed receptacles.
 - Requirements to be met by storerooms and receptacles: Do not store in extreme temperatures.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: None.
- 7.3. Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- 8.1. Control parameters
 - Ingredients with limit values that require monitoring at the workplace in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200: None.
 - Additional information: No further relevant information available.
- 8.2. Exposure controls
 - Personal protective equipment:
 - General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
 - Respiratory protection: Not required under normal conditions of use.
 - Protection of hands: Not required under normal conditions of use.

Eye protection: If handling large volumes, wear eye protection. Eye protection not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

	Value
Appearance	Clear liquid
Physical State	Liquid
Color	Colorless
Odor	Vinegar
Odor Threshold	Not determined

	Value
pH	2.75-3.75
Melting point/freezing point	Not determined
Initial boiling point/boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limits	
Upper explosive limits	Not determined
Lower explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	0.99-1.001
Solubility(ies)	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined

STABILITY AND REACTIVITY

9.2. Reactivity: Stable under normal conditions.

9.3. Chemical stability: Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications. Do not store at extreme temperatures.

9.4. Possibility of hazardous reactions: No dangerous reactions known.

9.5. Conditions to avoid: No further relevant information available.

9.6. Incompatible materials: No further relevant information available.

9.7. Hazardous decomposition products: No dangerous decomposition products

10. TOXICOLOGICAL INFORMATION

10.1. Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:	
ATE (Acute Toxicity Estimates):	
LD50, Oral	>50,000 mg/kg

Skin corrosion/irritation: Based on available data, criteria for H316: Skin irritation 3 has been met. Refer to section 4 for first aid information.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11. ECOLOGICAL INFORMATION

11.1. Toxicity

Aquatic toxicity: No further relevant information available.

11.2. Persistence and degradability: No further relevant information available.

11.3. Bioaccumulative potential: No further relevant information available.

11.4. Mobility in soil: No further relevant information available.

11.5. Results of PBT and vPvB assessment PBT: No further relevant information available.

vPvB: No further relevant information available.

11.6. Other adverse effects: No further relevant information available.

12. DISPOSAL CONSIDERATIONS

12.1. Waste treatment methods recommendation:

Dispose according to National Regulations. Contact manufacturer for recycling information.

Uncleaned packaging: Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

13. TRANSPORT INFORMATION

13.1. Transportation regulations:

Land transport, USDOT:

Not classified as a dangerous good under transport regulations.

Sea transport, IMDG:

Not classified as a dangerous good under transport regulations.

Air transport, IATA/ICAO

Not classified as a dangerous good under transport regulations.

13.2. Additional information: No additional relevant information available.

14. REGULATORY INFORMATION

14.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA: Listed

Prop 65: None

Other regulations, limitations and prohibitive regulations: No additional relevant information available.

15. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H319 Causes serious eye irritation.

Training hints:

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Safety Data Sheet

complying with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product name: ECOS™ Stainless Steel Cleaner + Polish

Formula number: 9330

Revision date: 8/29/2019



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

1.1. Product Identifier

Trade Name: ECOS™ Stainless Steel Cleaner + Polish

Other Identifier: 9330

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Liquid spray cleaner and polish. Use as directed.

1.3. Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

Venus Laboratories dba Earth Friendly Products

11150 Hope Street

Cypress, CA

90630

Tel: (800)-841-3100

1.4. Emergency telephone number:

Chemtrec: (800)-424-9300

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard 29 CFR 1910.1200:

Not a hazardous substance or mixture according to GHS.

2.2. Label Elements

Hazard pictograms: None required.

Signal word: None required.

Hazard statements: None required.

Precautionary statements:

P102 Keep out of reach of children.

Additional information: No additional relevant information.

Hazards not otherwise classified: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Description of the mixture:

Hazardous ingredients per OSHA Hazard Communication Standard 29 CFR 1910.1200:

No ingredients in this mixture require listing per OSHA Hazard Communication Standard 29 CFR 1910.1200.

Additional information: For the wording of the listed hazard phrases refer to section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: No special measures required. Take affected persons out into the fresh air. Avoid contact with eyes.

After inhalation: Seek medical treatment in case of complaints.

After skin contact: In case of skin irritation, consult a physician.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a poison center or doctor/physician.

After swallowing: Drink plenty of water and provide fresh air. If irritation or discomfort occurs, seek medical attention. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed: No relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed: No relevant information available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.

5.2. Special hazards arising from the substance or mixture: No relevant information available.

5.3. Advice for firefighters

Protective equipment: No special measures required.

Additional information: Collect contaminated firefighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.

6.2. For emergency responders: Wear protective equipment. Keep unprotected persons away.

6.3. Environmental precautions: No special measures required.

6.4. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

6.5. Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Storage: Store in cool, dry conditions in well-sealed receptacles.

Requirements to be met by storerooms and receptacles: Do not store in extreme temperatures.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3. Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200: None.

Additional information: No further relevant information available.

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required under normal conditions of use.

Protection of hands: Not required under normal conditions of use.

Eye protection: If handling large volumes, wear eye protection. Eye protection not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

	Value
Appearance	White, opaque liquid
Physical State	Thin liquid
Color	White/beige
Odor	Soy-like scent
Odor Threshold	Not determined

	Value
pH	4.0-7.3
Melting point/freezing point	Not determined
Initial boiling point/boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limits	
Upper explosive limits	Not determined
Lower explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	0.97-0.995
Solubility(ies)	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined

10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under normal conditions.

10.2. Chemical stability: Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications. Do not store at extreme temperatures.

10.3. Possibility of hazardous reactions: No dangerous reactions known.

10.4. Conditions to avoid: No further relevant information available.

10.5. Incompatible materials: No further relevant information available.

10.6. Hazardous decomposition products: No dangerous decomposition products

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:	
ATE (Acute Toxicity Estimates):	
LD50, Oral	20,243 mg/kg

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability: No further relevant information available.

12.3. Bioaccumulative potential: No further relevant information available.

12.4. Mobility in soil: No further relevant information available.

12.5. Results of PBT and vPvB assessment PBT: No further relevant information available.

vPvB: No further relevant information available.

12.6. Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods recommendation:

Dispose according to National Regulations. Contact manufacturer for recycling information.

Uncleaned packaging: Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

14. TRANSPORT INFORMATION

14.1. Transportation regulations:

Land transport, USDOT:

Not classified as a dangerous good under transport regulations.

Sea transport, IMDG:

Not classified as a dangerous good under transport regulations.

Air transport, IATA/ICAO

Not classified as a dangerous good under transport regulations.

14.2. Additional information: No additional relevant information available.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA: Listed

Prop 65: None

Other regulations, limitations and prohibitive regulations: No additional relevant information available.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

P102 Keep out of reach of children.

Training hints:

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.



SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox Commercial Solutions® Green Works® 97% Naturally Derived All-Purpose Cleaner - Original Scent

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Multi-purpose spray cleaner

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Clorox Professional Products Company
1221 Broadway
Oakland, CA 94612

Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Appearance Clear, light green

Physical State Thin liquid

Odor Fresh Lemon

Precautionary Statements - Prevention

None

Precautionary Statements - Response

None

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

1.9% of the mixture consists of ingredient(s) of unknown toxicity

Other information

May cause slight eye irritation.

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances that at their given concentrations are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15–20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin Contact	Rinse skin with plenty of water. If irritation persists, call a doctor.
Inhalation	Move to fresh air. If breathing problems develop, call a doctor.
Ingestion	Drink a glassful of water. Call a doctor or poison control center.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	May cause slight eye irritation.
-------------------------------------	----------------------------------

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Hazardous Combustion Products

Oxides of carbon.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid contact with eyes.
Other Information	Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions	See Section 12 for additional ecological information.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.
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Conditions for safe storage, including any incompatibilities

Storage	Keep containers tightly closed.
Incompatible Products	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	This product does not contain any ingredients with occupational exposure limits that are at concentrations below their cut-off values/concentrations and that contribute to the hazard classification of the product.
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Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Respiratory Protection	No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Thin liquid	Odor	Fresh lemon
Appearance	Clear	Odor Threshold	No information available
Color	Light green		
Property	Values	Remarks/ Method	
pH	11 - 11.5	None known	
Melting/freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
Upper flammability limit	No data available	None known	
Lower flammability limit	No data available	None known	
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	~1.0	None known	
Water Solubility	Complete	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive Properties	Not explosive		
Oxidizing Properties	No data available		
Other Information			
Softening Point	No data available		
VOC Content (%)	No data available		
Particle Size	No data available		
Particle Size Distribution	No data available		

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact	May cause slight irritation.
Skin Contact	May cause slight irritation.
Ingestion	Ingestion of liquid may cause slight irritation to mucous membranes and gastrointestinal tract.

Information on toxicological effects

Symptoms May cause slight redness and tearing of eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	A3	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.
Chronic Toxicity Contains a known or suspected carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. Contains a known or suspected reproductive toxin. Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Repeated abuse can have long-term health effects.

Target Organ Effects Eyes, blood, central nervous system (CNS), liver, reproductive system, respiratory system.

Aspiration Hazard Not an aspiration hazard.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol 64-17-5		LC50: 12.0 - 16.0 mL/L (96 h static) <i>Oncorhynchus mykiss</i> LC50: 13400 - 15100 mg/L (96 h flow-through) <i>Pimephales promelas</i> LC50: > 100 mg/L (96 h static) <i>Pimephales promelas</i>	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50: 9268 - 14221 mg/L (48 h) <i>Daphnia magna</i> EC50: 10800 mg/L (24 h) <i>Daphnia magna</i> EC50: 2 mg/L (48 h Static) <i>Daphnia magna</i>

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
Ethanol 64-17-5	-0.32

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>TDG</u>	Not regulated.
<u>ICAO</u>	Not regulated.
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals. Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	California Proposition 65
Ethanol 64-17-5	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethanol 64-17-5		X			

International Regulations

Canada

WHMIS Hazard Class

Not controlled.

16. OTHER INFORMATION

NFPA Health Hazard 0 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 0 Flammability 0 Physical Hazard 0 Personal Protection -

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Preparation/Revision Date January 5, 2015

Revision Note New

Reference 1123927/128987.001

General 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 a 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.

End of Safety Data Sheet



SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant

Other means of identification

EPA Registration Number 67619-24

Recommended use of the chemical and restrictions on use

Recommended use Disinfecting spray cleaner

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Clorox Professional Products Company
1221 Broadway
Oakland, CA 94612

Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Appearance Clear, colorless liquid **Physical State** Thin liquid **Odor** Cherry, almond

Precautionary Statements - Prevention

None

Precautionary Statements - Response

None

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

1% of the mixture consists of ingredient(s) of unknown toxicity

Other information

No information available.

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	Trade Secret
Hydrogen peroxide	7722-84-1	0.5 - 2	*
Benzyl alcohol	100-51-6	1 - 5	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin Contact	Rinse skin with plenty of water. If irritation persists, call a doctor.
Inhalation	Move to fresh air. If breathing problems develop, call a doctor.
Ingestion	Drink a glassful of water. Call a doctor or poison control center.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	May cause eye irritation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical**Hazardous Combustion Products**

Oxides of carbon.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool, and well-ventilated place.

Incompatible Products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Respiratory Protection	No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical State	Thin liquid	Odor	Cherry, almond
Appearance	Clear	Odor Threshold	No information available
Color	Colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	2 - 3	None known	
Melting/freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
Upper flammability limit	No data available	None known	
Lower flammability limit	No data available	None known	
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	~1.0	None known	
Water Solubility	Complete	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive Properties	Not explosive		
Oxidizing Properties	No data available		
<u>Other Information</u>			
Softening Point	No data available		
VOC Content (%)	No data available		
Particle Size	No data available		
Particle Size Distribution	No data available		

10. STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact	May cause irritation.
Skin Contact	May cause slight irritation.
Ingestion	Ingestion may cause slight irritation to mucous membranes and gastrointestinal tract.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen peroxide 7722-84-1	801 mg/kg (Rat)	4.06 g/kg (Rat) 2 g/kg (Rabbit)	2 g/m ³ (Rat, 4 h)
Benzyl alcohol 100-51-6	1230 mg/kg (Rat)	2 g/kg (Rabbit)	8.8 mg/L (Rat, 4 h)

Information on toxicological effects

Symptoms May cause redness and tearing of eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide 7722-84-1	A3	Group 3	-	-

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - Not classifiable as to carcinogenicity to humans

Reproductive Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic Toxicity

No known effect based on information supplied.

Target Organ Effects

Respiratory system, eyes, skin, gastrointestinal tract (GI).

Aspiration Hazard

No information available.

Numerical measures of toxicity - Product Information**ATEmix (oral)**

24 g/kg

ATEmix (dermal)

45 g/kg (ATE)

ATEmix (inhalation-dust/mist)

37 mg/L

ATEmix (inhalation-vapor)

250 mg/L ATEmix

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>TDG</u>	Not regulated.
<u>ICAO</u>	Not regulated.
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

Chemical Inventories

TSCA	All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
DSL/NDSL	All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substance that is regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen peroxide 7722-84-1	X	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Hydrogen peroxide 7722-84-1	-	1000 lb	-

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Hydrogen peroxide 7722-84-1	X	X	X	-	-
Benzyl alcohol 100-51-6	-	X	X	-	-

International Regulations**Canada****WHMIS Hazard Class**

Not controlled.

16. OTHER INFORMATION

NEPA Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 1 Flammability 0 Physical Hazard 0 Personal Protection A

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Preparation/Revision Date January 5, 2015

Revision Note New

Reference CLX163229-001/163229.001

General 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 a 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.

End of Safety Data Sheet



Alpha-HP® Multi-Surface Cleaner

Revision: 2020-09-06

Version: 02.0

1. IDENTIFICATION

Product name: Alpha-HP®
Multi-Surface Cleaner

Product Code: 3350727, 3350743, 3401512

SDS #: MS0800296

Recommended use:

- Industrial/Institutional
- Cleaner
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard Statements

None required.

Precautionary Statements

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:64

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard and Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Propylene glycol n-propyl ether	1569-01-3	5 - 10%
Dodecylbenzene sulfonic acid	68584-22-5	3 - 7%
Hydrogen peroxide	7722-84-1	1 - 5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: Rinse mouth with water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required

Inhalation: No specific first aid measures are required

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Can react to release hazardous gases. Mix only with water. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, SOURS, RUST REMOVERS, OR ANY OTHER CHEMICAL. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:	No personal protective equipment required under normal use conditions.
Hand protection:	No personal protective equipment required under normal use conditions.
Skin and body protection:	No personal protective equipment required under normal use conditions.
Respiratory protection:	No personal protective equipment required under normal use conditions.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:	No personal protective equipment required under normal use conditions.
Hand protection:	No personal protective equipment required under normal use conditions.
Skin and body protection:	No personal protective equipment required under normal use conditions.
Respiratory protection:	No personal protective equipment required under normal use conditions.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Color: Clear, Clear
Evaporation Rate: No information available	Odor: Citrus
Odor threshold: No information available.	Boiling point/range: Not determined
Melting point/range: Not determined	Decomposition temperature: Not determined
Autoignition temperature: No information available	Solubility: Completely Soluble
Solubility in other solvents: No information available	Relative Density (relative to water): 1.013
Density: Specific gravity: 1.013 Kg/L	Vapor density: No information available
Bulk density: No information available	Vapor pressure: No information available.
Flash point (°F): > 200 °F > 93 °C	Partition coefficient (n-octanol/water): No information available
Viscosity: 0	Elemental Phosphorus: 0.00 % by wt.
VOC: 7.9 % *	pH: < 2
Flammability (Solid or Gas): Not applicable	Corrosion to metals: Not corrosive to metals
Sustained combustion: Not applicable	
Explosion limits: - upper: Not determined - lower: Not determined	

Dilution pH:

≈ 2.5

Dilution Flash Point (°F): > 200 °F > 93.4 °C

VOC % by wt. at use dilution: 0.1 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Stability:	The product is stable
Possibility of hazardous reactions:	May vigorously react with strong alkaline products resulting in spattering and excessive heat.
Hazardous decomposition products:	Oxygen.
Materials to avoid:	Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.

Eye contact: May be mildly irritating to eyes.

Ingestion: No information available.

Inhalation: No information available.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000
ATE - Dermal (mg/kg): >5000
ATE - Inhalatory, mists (mg/l): >20
ATE - Inhalatory, vapors (mg/l): >50

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Propylene glycol n-propyl ether	1569-01-3	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Alcohols, C6-C12, ethoxylated (3.5EO)	68439-45-2	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Propane-1,2-diol	57-55-6	-	X	X	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrogen peroxide	7722-84-1	1 - 5%		1000	

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0

Flammability 0

Instability 0

Special Hazards -

Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2020-09-06

Version: 02.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- When used through dispensing/autodose equipment, this product meets Green Seal's requirements for skin and eye irritation and acute toxicity at the as-used dilution
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.



Stride® Citrus Neutral Cleaner

Revision: 2022-04-14

Version: 03.0

1. IDENTIFICATION

Product name: Stride® Citrus Neutral Cleaner

SDS #: MS0800226

Recommended use:

- Industrial/Institutional
- Cleaning product
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard Statements

None required.

Precautionary Statements

None required.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product 1:32

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard and Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Sodium xylene sulfonate	1300-72-7	1 - 5%
Alcohol, C9-C11, ethoxylated	68439-46-3	0.5 - 1.5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: Wash with plenty of water for at least 15 minutes.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required

Inhalation: No specific first aid measures are required

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards:

None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:	No personal protective equipment required under normal use conditions.
Hand protection:	No personal protective equipment required under normal use conditions.
Skin and body protection:	No personal protective equipment required under normal use conditions.
Respiratory protection:	No personal protective equipment required under normal use conditions.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State** Liquid**Evaporation Rate:** No information available**Odor threshold:** No information available.**Melting point/freezing point (°C):** Not determined**Autoignition temperature:** No information available**Solubility in other solvents:** No information available**Density:** 1.005 Kg/L**Bulk density:** No information available**Flash point (°F):** > 200 °F > 93 °C**Viscosity:** 1**VOC:** 0 % ***Flammability (Solid or Gas):** Not applicable**Sustained combustion:** Not applicable**Explosion limits:** - upper: Not determined - lower: Not determined**Color:** Clear , Orange**Odor:** Citrus**Boiling point/range:** Not determined**Decomposition temperature:** Not determined**Solubility:** Completely Soluble**Relative Density (relative to water):** 1.01**Vapor density:** No information available**Vapor pressure:** No information available.**Partition coefficient (n-octanol/water):** No information available**Elemental Phosphorus:** 0.00 % by wt.**pH:** ≈ 7**Corrosion to metals:** Not corrosive to metals**Dilution pH:**

≈ 6.9

Dilution Flash Point (°F): > 200 °F > 93.3 °C**VOC % by wt. at use dilution:** 0 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Stability:	The product is stable
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:**

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**Skin contact:** Unlikely to be irritant in normal use.**Eye contact:** May be mildly irritating to eyes.**Ingestion:** No information available.**Inhalation:** No information available.**Sensitization:** No known effects.**Target Organs (SE):** None known**Target Organs (RE):** None known**Numerical measures of toxicity****ATE - Oral (mg/kg):**

The estimated acute oral LD₅₀ for the undiluted product is estimated to be >5000 (mg/kg BW).

ATE - Dermal (mg/kg): 2000
 ATE - Inhalatory, gases (mg/l): >20,000
 ATE - Inhalatory, mists (mg/l): > 5
 ATE - Inhalatory, vapors (mg/l): > 20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA

All components are listed or otherwise exempt

DSL

All components are listed or otherwise exempt

US RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Alcohol, C9-C11, ethoxylated	68439-46-3	-	-	-	-

CERCLA/ SARA

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0

Flammability 0

Instability 0

Special Hazards -

Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2022-04-14

Version: 03.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

- Contains an added fragrance, see "Odor" heading in section 9 for specific description

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Oxivir Tb (US) Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer

Revision: 2021-03-08

Version: 03.0

Product name: Oxivir Tb (US)
Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer

SDS #: MS0800255

Recommended use:

- Industrial/Institutional
- Disinfectant / Deodorizer / Sanitizer
- This product is intended to be used neat.

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard Statements

None required.

Precautionary Statements

None required.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

RTU

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Benzyl alcohol	100-51-6	1 - 5%
Hydrogen peroxide	7722-84-1	> 0.1 - < 1%

4. FIRST AID MEASURES

Undiluted Product:

Oxivir Tb (US)
Virucide, Bactericide, Tuberculocide,
Fungicide, Sanitizer

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.
Skin: No specific first aid measures are required.
Inhalation: No specific first aid measures are required.
Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

Most Important Symptoms/Effects: No information available.
Immediate medical attention and special treatment needed Not applicable.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required
Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Keep tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions. Wear a half face respirator with chemical specific cartridges and N95 filters when an electrostatic sprayer is used.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available
Decomposition temperature: Not determined
Solubility: Completely Soluble
Relative Density (relative to water): 1.01
Vapor density: No information available
Vapor pressure: No information available.

Color: Clear , Clear
Odor: Cherry Surfactant
Boiling point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 1.01 Kg/L
Bulk density: No information available
Flash point (°F): > 200 °F > 93 °C

Oxivir Tb (US)
Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer

Partition coefficient (n-octanol/water): No information available

Elemental Phosphorus: 0.12 % by wt.

pH: ≈ 3

Corrosion to metals: Not corrosive to metals

Explosion limits: - upper: Not determined - lower: Not determined ≈ 3

Viscosity: 1

VOC: 0 % *

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity:

Not Applicable

Stability:

The product is stable

Hazardous decomposition products:

None reasonably foreseeable.

Materials to avoid:

Do not mix with any other product or chemical unless specified in the use directions.

Conditions to avoid:

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.

Eye contact: May be mildly irritating to eyes.

Ingestion: No information available.

Inhalation: No information available.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000

ATE - Dermal (mg/kg): >5000

ATE - Inhalatory, mists (mg/l): >20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:

Oxivir Tb (US)

Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer

Refer to product label.

Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): Not Regulated.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA All components are listed or otherwise exempt

U.S. Regulations

EPA Reg. No. : 70627-56

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

ENVIRONMENTAL HAZARDS: This product is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk.

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrogen peroxide	7722-84-1	> 0.1 - < 1%		1000	

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2021-03-08

Version: 03.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Oxivir Tb (US)

Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer

Safety Data Sheet

Item # 602B62
Page 1 of 2

SECTION 1 -- IDENTIFICATION

Product Name: 3-in-1 Carpet Cleaner Concentrate
Item #: 602B62
Use: Carpet Cleaner (non-aerosol /dilutable)
Issue Date: 1/10/14
Supersedes: 12/4/13



MANUFACTURER

Clean Control Corporation
PO Box 7444
Warner Robins GA 31095

TELEPHONE NUMBERS

Medical Emergency (8 am - 5 pm EST): 800.841.3904
Quality Assurance Hotline (8 am - 5 pm EST): 800.841.3904
Transportation Emergency (24-hours): 800.424.9300

SECTION 2 -- HAZARDS IDENTIFICATION

Hazard Classification: Eye Damage/Irritation Category: 2B

Signal Word: WARNING

Pictogram(s): No Pictogram

Hazard Statement: Causes eye irritation.

Precautionary Statements: Wash exposed body parts thoroughly after handling. 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.

NOTE: In some cases, labeling required by OSHA under the amended Hazard Communication Standard (29 CFR 1910.1200) conflicts with labeling required for products regulated by the Federal Insecticide, Fungicide, and Rodenticide ACT (FIFRA) or the Consumer Product Safety Commission (CPSC). If applicable, other hazard information (such as hazard statement from previous MSDS) is reproduced in Section 15 – Regulatory Information.

SECTION 3 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components

Weight Percent

Water (CAS No. 7732-18-5)	> 90.0
Polymeric dispersant (Mixture)	< 5.0
Polymeric antiredeposition agent (Mixture)	< 5.0
Ethyl alcohol (CAS No. 64-17-5)	< 1.0

The exact percentages of composition have been withheld as a trade secret.

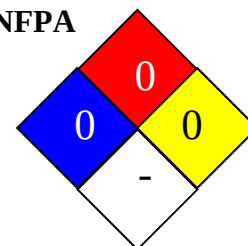
SECTION 4 -- FIRST-AID MEASURES

Eye Contact: IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.
Skin Contact: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
Inhalation: IF INHALED: Move to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.
Ingestion: IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Induce vomiting only if advised by a physician.

SECTION 5 -- FIRE-FIGHTING MEASURES

Flash Point / Method: Not applicable
Flammable Limits: Not established
Extinguishing Media: Use water, foam, dry chemical, or carbon dioxide.
Special Fire Fighting Procedures: None

NFPA



Fire and Explosion Hazards: No hazard beyond that of ordinary combustible material.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: Small spills: Contain spill. Flush to sanitary sewer. Rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up with inert absorbent. Prevent runoff to creeks and waterways.

SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.

Storage Precautions: Store in a cool, dry place. Keep storage temperature below 120°F. Do not contaminate food, feed, or drinking water. Keep from freezing.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Component	OSHA PEL	ACGIH TLV	NIOSH REL
	Water (CAS No. 7732-18-5).....	None	None	None
	Polymeric dispersant (Mixture)	None	None	None
	Polymeric antiredeposition agent (Mixture).....	None	None	None
	Ethyl alcohol (CAS No. 64-17-5).....	1000 ppm TWA	1000 ppm TWA	1000 ppm TWA
Hygienic Practices:	Normal procedures for good hygiene. Avoid eye and skin contact.			
Engineering Controls:	No special ventilation requirements. Eyewash station is recommended (not normally required).			
Personal Protective Equipment:	Occupational settings (defined by 29CFR1910 - Subpart A) require compliance with 29CFR1910 - Subpart I.			
	<i>Respirator</i> Not normally required.			
	<i>Goggles/Face Shield</i> Not normally required.			
	<i>Gloves</i> Not normally required.			

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, pale yellow liquid	Boiling Point	Not established
Odor	Characteristic (no fragrance added)	Freezing Point	Not established
pH.....	8.0 - 9.0 (undiluted); 7.5 - 8.5 (as used)	Evaporation Rate (Butyl Acetate=1	Not established
Specific Gravity (H ₂ O=1)	1.025 - 1.031	Vapor Density (Air=1).....	Not established
Solubility.....	Soluble	Vapor Pressure (mmHg).....	Not established
VOC Content (% Wt.)	0.28% (0.025 lbs/gallon)		

SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	None known
Incompatibility:	Alkaline Conditions
Hazardous Decomposition:	Thermal decomposition may produce oxides of carbon and sulfur.
Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	Not applicable

SECTION 11 -- TOXICOLOGICAL INFORMATION

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z.

Other Effects: *Acute:* Not determined.*Chronic:* None known**SECTION 12 -- ECOLOGICAL INFORMATION**

Biodegradability:	Considered biodegradable
BOD₅/ COD Value:	

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of in accordance with local, state, and federal regulations.
RCRA Classification:	Non-hazardous

SECTION 14 -- TRANSPORT INFORMATION

DOT Classification:	Non-Regulated
Exceptions:	
Description:	Not applicable

SECTION 15 -- REGULATORY INFORMATION

	EPA Registered:	
X	TSCA:	Ingredients have been listed.
	CERCLA:	
	SARA 302/304:	
	SARA 311/312:	
	SARA 313:	
	HACCP:	
	WHMIS Class:	

Other Labelling: CAUTION: May cause eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling.**SECTION 16 -- OTHER INFORMATION**

ID:	F602-104 / 510635
Issue Date (Rev):	1/10/14
Revision Summary:	Revised Section(s): 8

Section 1: IDENTIFICATION**Product Name:** Simple Green® All-Purpose Wipes**Additional Names:****Manufacturer's Part Number:** **Please refer to Section 16***Recommended Use:** Cleaner & Degreaser for water tolerant surfaces.**Restrictions on Use:** Do not use on non-rinsable surfaces.**Company:** Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA**Telephone:** 800-228-0709 • 562-795-6000 *Mon – Fri, 8am – 5pm PST***Fax:** 562-592-3830**Email:** info@simplegreen.com**Emergency Phone:** Chem-Tel 24-Hour Emergency Service: 800-255-3924**Section 2: HAZARDS IDENTIFICATION**

This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

OSHA HCS 2012Label Elements**Signal Word:** None**Hazard Symbol(s)/Pictogram(s):** None required**Hazard Statements:** None**Precautionary Statements:** None**Hazards Not Otherwise Classified (HNOC):** None**Other Information:** None Known**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 96.570%*
C9-11 Alcohols Ethoxylated	68439-46-3	< 1.000%*
Surfactant	Proprietary	< 1.000%*
Sodium Citrate	68-04-2	< 1.000%*
Sodium Carbonate	497-19-8	< 0.100%*
Tetrasodium Glutamate Diacetate	51981-21-6	< 0.100%*
Citric Acid	77-92-9	< 0.100%*
Methylisothiazolinone	2682-20-4	< 0.020%*
Octylisothiazolinone	26530-20-1	< 0.009%*
Methylchloroisothiazolinone, Methylisothiazolinone	55965-84-9	< 0.001%*
Fragrances	Proprietary Mixture	< 0.100%*

specific percentages of composition are being withheld as a trade secret*Section 4: FIRST-AID MEASURES****Inhalation:** Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.**Skin Contact:** Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.**Eye Contact:** Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.**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 and emergency personnel:* See section 8 – personal protection. Avoid eye contact. Safety goggles suggested.

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 109°F (42.7°C).

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 ventilations when cleaning small spaces.
Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Polypropylene substrate infused with colorless liquid	Partition Coefficient: n-octanol/water:	Not determined		
Odor:	Added sassafras odor	Autoignition Temperature:	Non-flammable		
Odor Threshold:	Not determined	Decomposition Temperature:	42.7°C (109°F)		
pH:	7.0 – 9.5	Viscosity:	None, solid substrate		
Freezing Point:	0-3.33°C (32-38°F)	Specific Gravity:	0.99 – 1.03		
Boiling Point & Range:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation		
Flash Point:	> 212°F	SCAQMD 304-91 / EPA 24:	Not tested		
Evaporation Rate:	Not determined	CARB Method 310**:	0.227 g/L	0.002 lb/gal	0.022%
Flammability (solid, gas):	Not applicable	SCAQMD Method 313:	Not tested		

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

Upper/Lower Flammability or Explosive Limits:	Not applicable	VOC Composite Partial Pressure:	Not determined
Vapor Pressure:	Not determined	Relative Density:	8.34 – 8.42 lb/gal
Vapor Density:	Not determined	Solubility:	Fluid is 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:	None known.
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, CO ₂ .

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation -	Overexposure may cause headache.
	Skin Contact -	Not expected to cause irritation, repeated contact may cause dry skin.
	Eye Contact -	Not expected to cause 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:	Based on similar formulations, does not classify under this category.
Eye Damage/Irritation:	Based on similar formulations, does not classify under this category.
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:	Based on similar formulations fluid has expected Aquatic Toxicity - Low, based on OECD 201, 202, 203 + Microtox: EC ₅₀ & IC ₅₀ ≥100 mg/L. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
Terrestrial:	Not tested on finished formulation.
Persistence and Degradability:	Based on similar formulations, fluid is expected to be readily biodegradable under OECD 301D, and reach 100% biodegradation within 60 days.
Bioaccumulative Potential:	No data available.

Section 12: ECOLOGICAL INFORMATION - continued**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.**IMO / IDMG:** Not classified as Hazardous**ICAO/ IATA:** 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

This product has been classified as “not classifiable as hazardous” in accordance with Consumer Product Safety Commission (16 CFR Chapter 2) and labelled and packaged accordingly.

US Consumer Product Safety Commission Regulations

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). However, the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. Therefore, the requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC, and this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Section 16: OTHER INFORMATION

<u>Size</u>	<u>UPC</u>	<u>Size</u>	<u>UPC</u>	
Single	043318133169	40 count	043318133121	<i>USA items listed only. Not all items listed. USA items may not be valid for international sale.</i>
40 count	043318005640	100 count	043318271007	

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: Aligned Section 3 with California Ingredient Disclosure and minor fixes.

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.

Section 1: IDENTIFICATION**Product Name:** Simple Green® Industrial Cleaner & Degreaser**Additional Names:****Manufacturer's Part Number:** **Please refer to Section 16***Recommended Use:** Cleaner & Degreaser for water tolerant surfaces.**Restrictions on Use:** Do not use on non-rinseable surfaces.**Company:** Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA**Telephone:** 800-228-0709 • 562-795-6000 *Mon – Fri, 8am – 5pm PST***Fax:** 562-592-3830**Email:** info@simplegreen.com**Emergency Phone:** Chem-Tel 24-Hour Emergency Service: 800-255-3924**Section 2: HAZARDS IDENTIFICATION****This product is not considered hazardous under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).**OSHA HCS 2012Label Elements**Signal Word:** None**Hazard Symbol(s)/Pictogram(s):** None required**Hazard Statements:** None**Precautionary Statements:** None**Hazards Not Otherwise Classified (HNOC):** None**Other Information:** None Known**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 79.798%*
C9-11 Alcohols Ethoxylated	68439-46-3	< 5.000%*
Surfactant	Proprietary Mixture	< 5.000%*
Sodium Citrate	68-04-2	< 5.000%*
Sodium Carbonate	497-19-8	< 1.000%*
Tetrasodium Glutamate Diacetate	51981-21-6	< 1.000%*
Citric Acid	77-92-9	< 1.000%*
Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow)	Proprietary Mixture	< 1.000%*
Fragrances	Proprietary Mixture	< 1.000%*
Anethole	104-46-1	< 0.100%*
Eucalyptol	470-82-6	< 0.100%*
Methylchlorisothiazolinone	26172-55-4	< 0.001%*
Methylisothiazolinone	2682-20-4	< 0.0001%*

specific percentages of composition are being withheld as a trade secret*Section 4: FIRST-AID MEASURES****Inhalation:** Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.**Skin Contact:** Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.**Eye Contact:** Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.**Ingestion:** May cause upset stomach. Drink plenty of water to dilute. See section 11.**Most Important Symptoms/Effects, Acute and Delayed:** None known.

Section 4: FIRST-AID MEASURES - continued

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 and emergency personnel:* See section 8 – personal protection. Avoid eye contact. Safety goggles suggested.

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 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

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 ventilations when cleaning small spaces.
Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green Liquid	Partition Coefficient: n-octanol/water:	Not determined
Odor:	Added sassafras odor	Autoignition Temperature:	Non-flammable
Odor Threshold:	Not determined	Decomposition Temperature:	42.7°C (109°F)
pH:	8.5 – 9.5	Viscosity:	Like water
Freezing Point:	0-3.33°C (32-38°F)	Specific Gravity:	1.01 – 1.03
Boiling Point & Range:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

Flash Point:	> 212°F	SCAQMD 304-91 / EPA 24:	0 g/L	0 lb/gal	0%
Evaporation Rate:	½ Butyl Acetate @ 25°C	CARB Method 310**:	2.5 g/L	0.021 lb/gal	0.25%
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:	0.60 PSI @77°F, 2.05 PSI @100°F	Relative Density:	8.34 – 8.42 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:	None known.
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 -	Not expected to cause irritation, repeated contact may cause dry skin.
	Eye Contact -	Not expected to cause 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:	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.
Eye Damage/Irritation:	Non-irritant per Ocular Irritation® assay modeling. No animal testing performed.
Germ Cell Mutagenicity:	Mixture does not classify under this category.
Carcinogenicity:	No ingredients trigger or classify under this category under NTP, IARC or OSHA.
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:	Aquatic Toxicity - Low, based on OECD 201, 202, 203 + Microtox: EC ₅₀ & IC ₅₀ ≥100 mg/L. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
Terrestrial:	Not tested on finished formulation.

Section 12: ECOLOGICAL INFORMATION – continued

Persistence and Degradability:	Readily Biodegradable per OCED 301D, Closed Bottle Test. Reaches 100% biodegradation within 60 days.
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

Section 16: OTHER INFORMATION

<u>Size</u>	<u>UPC</u>
22 fl. oz.	043318130229
24 fl. oz.	043318000034
32 fl. oz.	043318130328
1 Gallon	043318000003

Section 16: OTHER INFORMATION – continued

1 Gallon w/ Dilution Bottle	043318000003
1 Gallon w/ Dilution Bottle	043318001253
1 Gallon w/ Dilution Bottle	043318480416
2.5 Gallon	043318000041
5 Gallon	043318000010
15 Gallon	043318000225
55 Gallon	043318000027
260 Gallon	043318130663
275 Gallon	043318000102

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

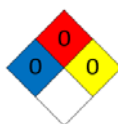
NFPA:

Health – None

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: Aligned Section 3 with California Ingredient Disclosure and minor fixes.

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.

Section 1: IDENTIFICATION**Product Name:** Simple Green® Pro HD**Additional Names:** Simple Green® Pro HD Heavy-Duty Cleaner**Manufacturer's Part Number:** **Please refer to Section 16***Recommended Use:** Cleaner and degreaser formulated to safely remove, oil, grease, and grime from surfaces**Restrictions on Use:** Do not use on non-rinseable or asphalt surfaces**Company:** Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA**Telephone:** 800-228-0709 • 562-795-6000 *Mon – Fri, 8am – 5pm PST***Fax:** 562-592-3830**Email:** info@simplegreen.com**Emergency Phone:** Chem-Tel 24-Hour Emergency Service: 800-255-3924**Section 2: HAZARDS IDENTIFICATION****This product is considered hazardous under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).****OSHA HCS 2012 Classification :** Eye Corrosive / Irritant 2BOSHA HCS 2012Label Elements**Signal Word:** Warning**Hazard Symbol(s)/Pictogram(s):**

None required

Hazard Statements: Causes Eye Irritation.**Precautionary Statements:** 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 advice.**Hazards Not Otherwise Classified (HNOC):** No hazards not otherwise classified were identified**Other Information:** None Known.**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 72.96%*
Triethanolamine	102-71-6	< 10.00%*
Surfactant	Proprietary Mixture	< 10.00%*
Propylene Glycol Butyl Ether	5131-66-8	< 5.00%*
Tetrapotassium Pyrophosphate	7320-34-5	< 1.00%*
Potassium Silicate	1312-76-1	< 1.00%*
Diethanolamine	111-42-2	< 0.01%*
Fluorescent Brightener 28	4404-43-7	< 0.01%*
Disperse Violet 1	128-95-0	< 0.01%*
9,10-Anthracenedione, 1-[(2-hydroxyethyl)amino]-4-(methylamino)-	2475-46-9	< 0.01%*

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

Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
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 and oxides of phosphorus 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. Safety goggles suggested if splashing or misting is likely to occur.

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 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values:	Triethanolamine (102-71-6)	5 mg/m ³ PEL	California
	Diethanolamine (111-42-2)	3 ppm TWA; 15 mg/m ³ TWA	Connecticut, Michigan, Minnesota, OSHA, Tennessee, Vermont, Washington
		0.46 ppm PEL; 2 mg/m ³ PEL	California
		6 ppm STEL	Washington

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 ventilations when cleaning small spaces.
Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple Liquid	Partition Coefficient: n-octanol/water:		Not determined		
Odor:	No added odor	Autoignition Temperature:		Non-flammable		
Odor Threshold:	Not determined	Decomposition Temperature:		109°F		
pH:	10 – 11.5	Viscosity:		Like water		
Freezing Point:	0°C (32°F)	Specific Gravity:		1.01 – 1.04		
Boiling Point & Range:	98°C (210°F)	VOCs: **Water & fragrance exemption in calculation				
Flash Point:	> 212°F	SCAQMD 304-91/EPA 24:	Not tested			
Evaporation Rate:	Not determined	CARB Method 310**:	20 g/L	0.1667 lb/gal	2.0%	
Flammability (solid, gas):	Not applicable	SCAQMD Method 313:	20.4 g/L	0.1702 lb/gal	2.04%	
Upper/Lower Flammability or Explosive Limits:		Not applicable	Vapor Pressure:		20.7 mmHg	
VOC Composite Partial Pressure:		0.102207135	Vapor Density:		Not determined	
Solubility:	100% in water		Relative Density:		8.34 – 8.67 lb/gal	
Nutrient Content:						
Nitrogen:	<0.1% (0% by formula)		Phosphorous:		< 0.25% (by formula)	
Sulfur:	<0.1% (0% by formula)					

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:	None known.
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, CO ₂ , oxides of phosphorus.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation -	Overexposure may cause headache.
	Skin Contact -	Not expected to cause irritation.
	Eye Contact -	Causes minimal/mild 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
	<i>Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals</i>	

Skin Corrosion/Irritation:	Non-irritant per Dermal Irritation® assay modeling. <i>No animal testing performed.</i>
Eye Damage/Irritation:	Minimal/Mild irritant per Ocular Irritation® assay modeling. <i>No animal testing performed.</i>
Germ Cell Mutagenicity:	Mixture does not classify under this category.
Carcinogenicity:	Volume of ingredients does not trigger or classify under this category. This product contains trace amounts of Diethanolamine (IARC 2B and ACGIH A3)
Reproductive Toxicity:	Mixture does not classify under this category.
STOT-Single Exposure:	Mixture does not classify under this category.

Section 11: TOXICOLOGICAL INFORMATION - continued**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:** Not tested on finished formulation.**Terrestrial:** Not tested on finished formulation.**Persistence and Degradability:** Based on similar formulations, expected to be Readily Biodegradable**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.**IMO / IDMG:** Not classified as Hazardous**ICAO/ IATA:** 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 – Not applicable.

Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Diethanolamine (1142-2) < 0.01%

Sections 302 – Not applicable.

Clean Air Act (CAA): Triethanolamine (102-71-6), Diethanolamine (111-42-2), Propylene Glycol Butyl Ether (5131-66-8)**Clean Water Act (CWA):** Not applicable**CERCLA:** Diethanolamine (111-42-2) 100 lb RQ

Section 15: REGULATORY INFORMATION - continued

State Right To Know Lists:	Triethanolamine (102-71-6)	Massachusetts, New Jersey, Pennsylvania
	Diethanolamine (111-42-2)	Massachusetts, New Jersey, Pennsylvania
CA Proposition 65:	Diethanolamine (111-42-2)	< 0.01%

This product has been classified as "hazardous" in accordance with Consumer Product Safety Commission (16 CFR Chapter 2), and labelled and packaged accordingly.

US Consumer Product Safety Commission Regulations

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). However, the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. Therefore, the requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC, and this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Section 16: OTHER INFORMATION

Size	UPC
1 Gallon	043318134210
1 Gallon w/ empty bottle	043318211607
1 Gallon w/ 32 fl. oz. sprayer	043318006234
2.5 Gallon	043318001543

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

NFPA:

Health – Eye Irritant

Flammability – Non-flammable

Stability – Stable

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: Aligned Section 3 with California Ingredient Disclosure and minor fixes.

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.

SAFETY DATA SHEET



Issue date 26 October 2018

FM000012-02.1

This Safety Data Sheet (SDS) is provided to assist with proper use and safe handling of this product. This product may be packaged for professional use or consumer use. Applicable professional use directions are provided on the product label and are included for easy reference in Section 16 of this SDS, and applicable professional use safety information is included on the product label and in this SDS. The U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) does not apply to "consumer products" as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act, including consumer products used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. Applicable consumer product use and safety information is provided on the product label and is included for easy reference in Section 16 of this SDS. This SDS is designed to cover both U.S. and Canada. Differences between U.S. and Canadian requirements are noted where applicable.

Section 1: Identification of Product and Company

Product Name	Glass Cleaner - Free & Clear
Synonyms	None
Product Use	Hard Surface Cleaning
Restrictions on Use	Follow directions on the product label

Manufacturer Name	Seventh Generation, Inc.
Address	60 Lake Street, Burlington, VT 05401, USA

Emergency Telephone Number	U.S., Canada
Monday - Friday 8 am - 5 pm ET (except holidays)	1-800-211-4279
Outside these hours	1-800-255-3924 (ChemTel)

Section 2: Hazards Identification

Classification	
U.S.	This product is not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Canada	This product is not considered hazardous under the WHMIS 2015.

Section 3: Composition, Information on Ingredients

Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ on the consumer product label.

Ingredient	Function	CAS Number	Concentration ¹
aqua (water)	diluent	7732-18-5	30% - 100%
caprylyl/decyl glucoside	cleaning agent	68515-73-1	<1%
sodium gluconate	water softener	527-07-1	<1%
citric acid	pH adjuster	77-92-9	<1%
benzisothiazolinone	preservative	2634-33-5	<0.1%
methylisothiazolinone	preservative	2682-20-4	<0.1%

¹ Where ranges are shown, the exact concentration has been withheld as a trade secret.

Section 4: First Aid Measures

Eye Contact	Flush eyes with water immediately after contact. Contact a physician if irritation develops or persists.
Skin Contact	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.

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Ingestion	Drink one glass of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
Inhalation	If irritation occurs, remove to fresh air. If breathing is affected, call a physician.
Notes to Physician	Treat symptomatically.
Most important symptoms and effects	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the following: redness and pain.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
Unsuitable Extinguishing Media	Not available.
Specific Hazards arising from the chemical mixture	Not available.
Hazardous Combustion Products	Not available.
Protective Equipment and Precautions for Firefighters	Fire fighters should wear full protective clothing and self contained breathing apparatus as for surrounding fire.

Section 6: Accidental Release Measures

Personal Precautions	
Industrial Setting	Wear appropriate personal protective equipment (refer to Section 8).
Environmental Precautions	Avoid entry into lakes, streams, ponds or public waterways.
Methods for Containment and Cleaning Up	
Industrial Setting	Before attempting clean up, refer to hazard data given. Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Dispose liquid in accordance with all applicable local, state, and federal regulations.
Household Setting	Small spills and leaks may be cleaned up and disposed of in normal household trash or diluted and disposed of via sewer.

Section 7: Handling and Storage

Safe Handling	
Industrial Setting	Wear appropriate personal protective equipment (refer to section 8).
Household Setting	Use as directed on product label.
Safe Storage	KEEP OUT OF REACH OF CHILDREN AND PETS.
	Store in original container and keep container closed when not in use.
Storage Incompatibilities	Avoid freezing.
	None known.

Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits	
Component Information:		
Engineering Controls	General ventilation.	
Personal Protective Equipment (PPE)		
Industrial Setting		
Respiratory Protection	None required under normal conditions. General ventilation required.	
Eye Protection	Goggles or other protective eye wear may be worn for protection.	
Skin Protection	Gloves may be worn for protection.	
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.	
Household Setting	No special precautions necessary as long as product is used as directed.	

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Section 9: Physical and Chemical Properties

Physical State	Liquid.
Color	Colorless (water-white)
Clarity	Clear
Odor	Unfragranced. Characteristic of the ingredients
Odor Threshold	Not available.
pH	4.2 - 4.6
Melting Point	Not available.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available. Aqueous Solution.
Evaporation Rate	Not available.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Specific Gravity (H ₂ O = 1)	0.995 - 1.007
Relative Density	Not available.
Vapor Density (Air = 1)	Not available.
Solubility in Water	Miscible
Partition Coefficient: n-octanol/water	Not available.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal conditions of use and storage.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	None known.
Incompatible Materials	
Industrial Setting	None known.
Household Setting	In general, cleaning products should not be mixed with other household chemicals, unless specifically provided for in the use directions.
Hazardous Decomposition Products	None known.

Section 11: Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion. Inhalation.	
Effects of Acute Exposure		
Oral Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.	
Dermal Toxicity	Not determined.	
Inhalation Toxicity	Not determined.	
Component Information ¹ :		
aqua (water)	7732-18-5	Not applicable
caprylyl/decyl glucoside	68515-73-1	LD50 acute oral (rat) >5000 mg/kg
sodium gluconate	527-07-1	LD50 acute oral (rat) 6060 mg/kg
citric acid	77-92-9	LD50 acute oral (rat) 5400 mg/kg

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benzisothiazolinone	2634-33-5	LD50 acute oral (rat) 1020 mg/kg
methylisothiazolinone	2682-20-4	LD50 acute oral (rat) 120 mg/kg
.	.	.
Eye Contact	Minimal Irritant. Not classified for eye irritation, based on ingredients.	
Skin Contact	Dermal non-irritant. Not classified for skin irritation, based on ingredients.	
Skin Sensitization	Not classified for skin sensitization, based on ingredients.	
Respiratory Sensitization	Not classified for respiratory sensitization, based on ingredients.	
Carcinogenicity	Not classified - based on ingredients	
NTP	No Ingredients Listed	
IARC	No Ingredients Listed	
OSHA	No Ingredients Listed	
Reproductive Effects	Not classified - based on ingredients	
Mutagenicity	Not classified - based on ingredients	
Specific Target Organ Toxicity - Single Exposure	Not classified - based on ingredients	
Specific Target Organ Toxicity - Repeat Exposure	Not classified - based on ingredients	
Aspiration Toxicity	Not classified - based on ingredients	

¹LD50 acute oral toxicity (rat) – This is a value provided by the raw material supplier or scientific literature. It is not a value generated by Seventh Generation by testing using rats. Seventh Generation uses alternative, non-animal based methods and scientific literature to determine the safety classification of our products and their ingredients.

Section 12: Ecological Information

Ecotoxicity	Not available.
Persistence and Degradability	This product is biodegradable, based on ingredients. Ready biodegradability.
Bioaccumulative Potential	No known significant effects or critical hazards.
Mobility in Soil	Not available.
Environmental Fate	No adverse effects expected.

Section 13: Disposal Considerations

Product Waste	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Industrial Setting	When disposed as waste in its original form, this product is not considered hazardous waste under Federal regulations, however regulations may vary by state or province and may designate it as hazardous waste. Check with your local waste and waste water authorities. We are aware of the following state waste classifications:
California Hazardous Waste Code	561
Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	029L
Washington Hazardous Waste Code	WT02
Household Setting	Product residues in the bottle may be discarded in trash, or diluted with water and disposed via sewer. When used as directed, the product is septic-safe.
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash. 

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Section 14: Transport Information

U.S. DOT	Not regulated.
U.S. States	See U.S. DOT for finished product classification for transport.
Waste	Regulated in some states if the product is disposed of in its original form as waste by commercial users/handlers. Refer to Section 13. for applicable state waste codes.
Canadian TDG (Surface Transport)	Not regulated.
IMDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

Section 15: Regulatory Information

U.S.	
Toxic Substances Control Act (TSCA)	This product complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).
California Prop 65	This product is not subject to the labeling requirements of California's Proposition 65.
California Air Resources Board (CARB)	Meets applicable California Air Resource Board requirements for consumer products.
Canada	
Domestic Substances List (DSL)	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
Right to Know	Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ on the product label. Please refer to Section 3. of this SDS for ingredient listing.
Component Information:	
.	.

Section 16: Other Information

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	A

National Fire Protection Association (NFPA) Rating	Not determined.
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SAFETY DATA SHEET



Consumer Product Label Information

HOW TO USE

Hold sprayer 6-8 inches from surface, spray area and wipe with paper towel or cloth.

Safe for use on: Chrome, glass, mirror, plate glass, porcelain coated steel, stainless steel.

Safe for use with CAUTION (test first on an inconspicuous spot): Acrylic, ceramic, concrete, corian, fiberglass, formica, granite, laminate flooring, marble, porcelain, satin nickel, travertine, vinyl sheet flooring, wood-oil based coating.

KEEP OUT OF REACH OF CHILDREN. If product gets into eyes, flush thoroughly with water. If swallowed, drink plenty of water.

Prepared by	Seventh Generation Inc.
Issuing Date	26 October 2018
Revision Date	26 October 2018
Revision Note	First Issue

Please note: This product is manufactured and marketed for professional use or consumer use and should be used as directed on the product label for the intended purpose. Seventh Generation warrants that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other abbreviations used in this document:

DOT – (U.S.) Department of Transportation

EPA – (U.S.) Environmental Protection Agency

IARC – International Agency for Research on Cancer

NTP – (U.S. Department of Health and Human Services) National Toxicology Program

OSHA – (U.S.) Occupational Safety and Health Administration

TDG – (Canadian) Transport of Dangerous Goods

WHMIS – (Canadian) Workplace Hazardous Materials Information System

End of Safety Data Sheet

SAFETY DATA SHEET



Issue date 26 October 2018

FM000012-02.1

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Section 1: Identification of Product and Company

Product Name	Glass Cleaner - Free & Clear
Synonyms	None
Product Use	Hard Surface Cleaning
Restrictions on Use	Follow directions on the product label

Manufacturer Name	Seventh Generation, Inc.
Address	60 Lake Street, Burlington, VT 05401, USA

Emergency Telephone Number	U.S., Canada
Monday - Friday 8 am - 5 pm ET (except holidays)	1-800-211-4279
Outside these hours	1-800-255-3924 (ChemTel)

Section 2: Hazards Identification

Classification	
U.S.	This product is not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Canada	This product is not considered hazardous under the WHMIS 2015.

Section 3: Composition, Information on Ingredients

Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ on the consumer product label.

Ingredient	Function	CAS Number	Concentration ¹
aqua (water)	diluent	7732-18-5	30% - 100%
caprylyl/decyl glucoside	cleaning agent	68515-73-1	<1%
sodium gluconate	water softener	527-07-1	<1%
citric acid	pH adjuster	77-92-9	<1%
benzisothiazolinone	preservative	2634-33-5	<0.1%
methylisothiazolinone	preservative	2682-20-4	<0.1%

¹ Where ranges are shown, the exact concentration has been withheld as a trade secret.

Section 4: First Aid Measures

Eye Contact	Flush eyes with water immediately after contact. Contact a physician if irritation develops or persists.
Skin Contact	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.

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Ingestion	Drink one glass of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
Inhalation	If irritation occurs, remove to fresh air. If breathing is affected, call a physician.
Notes to Physician	Treat symptomatically.
Most important symptoms and effects	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the following: redness and pain.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
Unsuitable Extinguishing Media	Not available.
Specific Hazards arising from the chemical mixture	Not available.
Hazardous Combustion Products	Not available.
Protective Equipment and Precautions for Firefighters	Fire fighters should wear full protective clothing and self contained breathing apparatus as for surrounding fire.

Section 6: Accidental Release Measures

Personal Precautions	
Industrial Setting	Wear appropriate personal protective equipment (refer to Section 8).
Environmental Precautions	Avoid entry into lakes, streams, ponds or public waterways.
Methods for Containment and Cleaning Up	
Industrial Setting	Before attempting clean up, refer to hazard data given. Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Dispose liquid in accordance with all applicable local, state, and federal regulations.
Household Setting	Small spills and leaks may be cleaned up and disposed of in normal household trash or diluted and disposed of via sewer.

Section 7: Handling and Storage

Safe Handling	
Industrial Setting	Wear appropriate personal protective equipment (refer to section 8).
Household Setting	Use as directed on product label.
Safe Storage	KEEP OUT OF REACH OF CHILDREN AND PETS.
	Store in original container and keep container closed when not in use.
Storage Incompatibilities	Avoid freezing.
	None known.

Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits	
Component Information:		
Engineering Controls	General ventilation.	
Personal Protective Equipment (PPE)		
Industrial Setting		
Respiratory Protection	None required under normal conditions. General ventilation required.	
Eye Protection	Goggles or other protective eye wear may be worn for protection.	
Skin Protection	Gloves may be worn for protection.	
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.	
Household Setting	No special precautions necessary as long as product is used as directed.	

SAFETY DATA SHEET



Section 9: Physical and Chemical Properties

Physical State	Liquid.
Color	Colorless (water-white)
Clarity	Clear
Odor	Unfragranced. Characteristic of the ingredients
Odor Threshold	Not available.
pH	4.2 - 4.6
Melting Point	Not available.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available. Aqueous Solution.
Evaporation Rate	Not available.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Specific Gravity (H ₂ O = 1)	0.995 - 1.007
Relative Density	Not available.
Vapor Density (Air = 1)	Not available.
Solubility in Water	Miscible
Partition Coefficient: n-octanol/water	Not available.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal conditions of use and storage.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	None known.
Incompatible Materials	
Industrial Setting	None known.
Household Setting	In general, cleaning products should not be mixed with other household chemicals, unless specifically provided for in the use directions.
Hazardous Decomposition Products	None known.

Section 11: Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion. Inhalation.	
Effects of Acute Exposure		
Oral Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.	
Dermal Toxicity	Not determined.	
Inhalation Toxicity	Not determined.	
Component Information ¹ :		
aqua (water)	7732-18-5	Not applicable
caprylyl/decyl glucoside	68515-73-1	LD50 acute oral (rat) >5000 mg/kg
sodium gluconate	527-07-1	LD50 acute oral (rat) 6060 mg/kg
citric acid	77-92-9	LD50 acute oral (rat) 5400 mg/kg

SAFETY DATA SHEET



benzisothiazolinone	2634-33-5	LD50 acute oral (rat) 1020 mg/kg
methylisothiazolinone	2682-20-4	LD50 acute oral (rat) 120 mg/kg
.	.	.
Eye Contact	Minimal Irritant. Not classified for eye irritation, based on ingredients.	
Skin Contact	Dermal non-irritant. Not classified for skin irritation, based on ingredients.	
Skin Sensitization	Not classified for skin sensitization, based on ingredients.	
Respiratory Sensitization	Not classified for respiratory sensitization, based on ingredients.	
Carcinogenicity	Not classified - based on ingredients	
NTP	No Ingredients Listed	
IARC	No Ingredients Listed	
OSHA	No Ingredients Listed	
Reproductive Effects	Not classified - based on ingredients	
Mutagenicity	Not classified - based on ingredients	
Specific Target Organ Toxicity - Single Exposure	Not classified - based on ingredients	
Specific Target Organ Toxicity - Repeat Exposure	Not classified - based on ingredients	
Aspiration Toxicity	Not classified - based on ingredients	

¹LD50 acute oral toxicity (rat) – This is a value provided by the raw material supplier or scientific literature. It is not a value generated by Seventh Generation by testing using rats. Seventh Generation uses alternative, non-animal based methods and scientific literature to determine the safety classification of our products and their ingredients.

Section 12: Ecological Information

Ecotoxicity	Not available.
Persistence and Degradability	This product is biodegradable, based on ingredients. Ready biodegradability.
Bioaccumulative Potential	No known significant effects or critical hazards.
Mobility in Soil	Not available.
Environmental Fate	No adverse effects expected.

Section 13: Disposal Considerations

Product Waste	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Industrial Setting	When disposed as waste in its original form, this product is not considered hazardous waste under Federal regulations, however regulations may vary by state or province and may designate it as hazardous waste. Check with your local waste and waste water authorities. We are aware of the following state waste classifications:
California Hazardous Waste Code	561
Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	029L
Washington Hazardous Waste Code	WT02
Household Setting	Product residues in the bottle may be discarded in trash, or diluted with water and disposed via sewer. When used as directed, the product is septic-safe.
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash. 

SAFETY DATA SHEET



Section 14: Transport Information

U.S. DOT	Not regulated.
U.S. States	See U.S. DOT for finished product classification for transport.
Waste	Regulated in some states if the product is disposed of in its original form as waste by commercial users/handlers. Refer to Section 13. for applicable state waste codes.
Canadian TDG (Surface Transport)	Not regulated.
IMDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

Section 15: Regulatory Information

U.S.	
Toxic Substances Control Act (TSCA)	This product complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).
California Prop 65	This product is not subject to the labeling requirements of California's Proposition 65.
California Air Resources Board (CARB)	Meets applicable California Air Resource Board requirements for consumer products.
Canada	
Domestic Substances List (DSL)	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
Right to Know	Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ on the product label. Please refer to Section 3. of this SDS for ingredient listing.
Component Information:	
.	.

Section 16: Other Information

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	A

National Fire Protection Association (NFPA) Rating	Not determined.
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SAFETY DATA SHEET



Consumer Product Label Information

HOW TO USE

Hold sprayer 6-8 inches from surface, spray area and wipe with paper towel or cloth.

Safe for use on: Chrome, glass, mirror, plate glass, porcelain coated steel, stainless steel.

Safe for use with CAUTION (test first on an inconspicuous spot): Acrylic, ceramic, concrete, corian, fiberglass, formica, granite, laminate flooring, marble, porcelain, satin nickel, travertine, vinyl sheet flooring, wood-oil based coating.

KEEP OUT OF REACH OF CHILDREN. If product gets into eyes, flush thoroughly with water. If swallowed, drink plenty of water.

Prepared by	Seventh Generation Inc.
Issuing Date	26 October 2018
Revision Date	26 October 2018
Revision Note	First Issue

Please note: This product is manufactured and marketed for professional use or consumer use and should be used as directed on the product label for the intended purpose. Seventh Generation warrants that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other abbreviations used in this document:

DOT – (U.S.) Department of Transportation

EPA – (U.S.) Environmental Protection Agency

IARC – International Agency for Research on Cancer

NTP – (U.S. Department of Health and Human Services) National Toxicology Program

OSHA – (U.S.) Occupational Safety and Health Administration

TDG – (Canadian) Transport of Dangerous Goods

WHMIS – (Canadian) Workplace Hazardous Materials Information System

End of Safety Data Sheet

Safety Data Sheet: Simple Green® Clean Building All-Purpose Cleaner Concentrate

Version No. 11001-14B

Issue Date: September 18, 2014

Supersedes Date: March 25, 2014

OSHA HCS-2012 / GHS

Section 1: IDENTIFICATION

Product Name: Simple Green® Clean Building All-Purpose Cleaner Concentrate

Additional Names:

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

Recommended Use: Dilute 1:64 (1ounce of concentrate for every ½ gallon of water) for use on hard non-porous rinsable surfaces

Restrictions on Use: Do not use on non-rinsable surfaces.

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

Telephone: 800-228-0709 • 562-795-6000 Mon – Fri, 8am – 5pm PST

Fax: 562-592-3830

Email: info@simplegreen.com

Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

Section 2: HAZARDS IDENTIFICATION

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

OSHA HCS 2012

Label Elements

Signal Word: Warning

Hazard Symbol(s)/Pictogram(s): None required

Hazard Statements:

H320 – Causes Eye Irritation

Precautionary Statements:

P264- Wash hands thoroughly after handling

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.

Hazards Not Otherwise Classified (HNOC): None

Other Information: None Known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 84.8%*
Ethoxylated Alcohol	68439-46-3	< 10%*
Sodium Carbonate	497-19-8	< 5%*
Sodium Gluconate	527-07-1	< 5%*
Tetrasodium Iminodisuccinate	144538-83-0	≤ 1%*
Colorant	Proprietary	< 1%*

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

Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: Causes eye irritation. 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.

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. Safety goggles suggested if splashing or misting is likely to occur.

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: No PPE required.

Respiratory: No PPE required.

Skin Contact: No PPE required.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green 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:	9.5 – 11.5	Viscosity:	Like water
Freezing Point:	0°C (32°F)	Specific Gravity:	1.01 – 1.02
Boiling Point & Range:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation
Flash Point:	> 212°F	SCAQMD 304-91 / EPA 24:	Not tested
Evaporation Rate:	Not determined	CARB Method 310**:	0.0 g/L 0.0 lb/gal 0.0%
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:	8.42 – 8.50
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:	None known.
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, CO ₂ .

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation -	Overexposure may cause headache.
	Skin Contact -	Not expected to cause irritation, repeated contact may cause dry skin.
	Eye Contact -	Causes 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:	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.
Eye Damage/Irritation:	Irritant per Ocular Irritation® assay modeling. No animal testing performed.
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:	Soda Ash: LC50 for fish, Daphnia and algae is found to be greater than 200 ppm. Sodium Gluconate: LC50 for fish, Daphnia and algae is found to be greater than 1,000 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
	Soda Ash: Inorganic. (degrades abiotically)
	Sodium Gluconate: Readily biodegradable, 98% after 2 days.
	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.

Safety Data Sheet: Simple Green® Clean Building All-Purpose Cleaner Concentrate

Version No. 11001-14B

Issue Date: September 18, 2014

Supersedes Date: March 25, 2014

OSHA HCS-2012 / GHS

Section 14: TRANSPORT INFORMATION

U.N. Number: Not applicable
Transport Hazard Class(es): Not applicable
Packing Group: Not applicable
Environmental Hazards: Marine Pollutant - NO
U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI
NMFC Number: 48580-3
Class: 55
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.
IMO / IDMG: Not classified as Hazardous
ICAO/ IATA: 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/m ³ long term	600 µg/m ³ short term
Sodium Gluconate	527-07-1	200 µg/m ³ long term	2000 µg/m ³ short term
Sodium Carbonate	497-19-8	5 µg/m ³ long term	50 µg/m ³ short term

Section 16: OTHER INFORMATION

<u>Size</u>	<u>Item Number</u>	<u>UPC</u>
1 Gallon	1200000111001	043318110016
1 Gallon, 2 per case	11001 & 1210000211001	043318110016

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

NFPA:

Health – Eye Irritant
 Flammability – Non-flammable
 Stability – Stable
 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: Revised SDS layout

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.



SAFETY DATA SHEET

Issuing Date 20-Oct-2022

Revision Date New

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox® Compostable Wipes Free & Clear - Unscented

Other means of identification

Synonyms Document number: USA002030

Recommended use of the chemical and restrictions on use

Recommended Use Wipes
Recommended Use Hard surface cleaning wipes

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier The Clorox Company

Supplier Address 1221 Broadway
Oakland
CA
94612
US

Telephone 1-510-271-7000

Emergency telephone number

Emergency Telephone Number For Medical Emergencies call: 1-800-446-1014. Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance White

Physical state
Pre-Moistened Towelette
(no free liquids)

Odor No information available

Precautionary Statements - Prevention

Not applicable

Precautionary Statements - Response

Not applicable

Precautionary Statements - Storage

Not applicable

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES**First aid measures****Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin contact

Wash with soap and water. Get medical attention if irritation develops and persists.

Inhalation

Remove to fresh air.

Ingestion

Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

No information available.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products

Carbon oxides.

Explosion Data**Sensitivity to Mechanical Impact** No.**Sensitivity to Static Discharge** No.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions** Use personal protective equipment as required.**Environmental precautions****Environmental precautions** Refer to protective measures listed in Sections 7 and 8.**Methods and material for containment and cleaning up****Methods for containment** Prevent further leakage or spillage if safe to do so.**Methods for cleaning up** Pick up and transfer to properly labeled containers.**7. HANDLING AND STORAGE****Precautions for safe handling****Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.**Conditions for safe storage, including any incompatibilities****Storage** Keep container tightly closed.**Incompatible products** None known based on information supplied.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies**Appropriate engineering controls****Engineering Measures** Ventilation systems**Individual protection measures, such as personal protective equipment****Eye/face protection** No special protective equipment required.**Skin and body protection** No special protective equipment required.**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties****Physical state** Pre-Moistened Towelette (no free liquids)

Appearance	White	Odor	No information available
Color	No information available	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	8	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	1	None known	
Water Solubility	Soluble in water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No information available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing properties	No data available		

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information**Information on toxicological effects**

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No information available.

Target Organ Effects None known.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether

the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
<u>TDG</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not require Prop 65 labelling.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

16. OTHER INFORMATION

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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 a 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

End of Safety Data Sheet

END OF RFP ADDENDUM # 3