2021–2022

Safe Return to In-Person Instruction and Continuity of Instruction Plan

Issued February 28, 2022
Lake Travis Independent School District
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Introduction

The conditions surrounding the COVID-19 pandemic are continually evolving and LTISD’s plans will continue to be evaluated to adapt as necessary. Plans will remain flexible to accommodate potential changes and the plan may be modified as needed. As adjustments may be necessary throughout the coming school year, it will be our priority to keep the community informed of those changes and updates. The Lake Travis ISD website will provide you with the most up-to-date information.

The health and safety of our school community is of utmost importance as Lake Travis ISD officials continue to closely monitor COVID-19 conditions in our community. LTISD will continue to consult available guidance through governmental and public health agencies and other information deemed relevant to monitor the situation. The district will comply with applicable federal and state employment and disability laws, workplace safety standards, and accessibility standards to address individual needs.

Anyone with concerns regarding COVID protocols on campus may contact the following campus personnel:

- Lake Travis High School - Debbie Garinger
- Bee Cave Middle School - Amanda Prehn
- Hudson Bend Middle School - Julie Nederveld
- Lake Travis Middle School - Lester Wolff
- Bee Cave Elementary School - Kim Kellner
- Lake Pointe Elementary School - Kelly Freed
- Lake Travis Elementary School - Pamela Schaeffer
- Lakeway Elementary School - Samuel Hicks
- Rough Hollow Elementary School - Angela Frankhouser
- Serene Hills Elementary School - Keegan Lueddecke
- West Cypress Hills Elementary School - Melanie Beninga

ESSER III Requirements

Elementary and Secondary School Emergency Relief III (ESSER III) funds are being provided to LTISD as a part of the American Rescue Plan (ARP) Act of 2021, enacted on March 11, 2021. These federal funds are intended to respond to the pandemic and address student learning loss as a result of COVID-19.

As a part of the ESSER III grant requirements, LTISD must develop a Safe Return to In-Person Instruction and Continuity of Services Plan to address
how LTISD will maintain the health and safety of students, educators, and other school and district staff.

Stakeholder input for ESSER III plans was solicited through the following methods:

- ESSER Planning Committee Meetings on May 10, 2021 and June 14, 2021.
- Public input survey sent to all district staff, students, parents, and community members on priorities for funding. The survey opened on June 16, 2021 and closed on June 25, 2021.
- District-level and campus-level administrator meetings to solicit input on the Safe Return to In-Person plan.
- Solicited public input from staff, parents, and community on health and safety priorities for returning to school through a virtual tool called ThoughtExchange. The public input period opened July 20, 2021 and closed on July 29, 2021. Feedback from this process was considered in preparing the Safe Return to In-Person Plan. 3,503 people participated in the survey; 4,053 thoughts were submitted, and 288,599 ratings were given.

In accordance with the requirements of ESSER III, this plan will be reviewed and revised, as applicable, every six months, at a minimum.

**Protocols for Screening, Symptomatic, and COVID Positive Individuals**

**Protocols for Screening**
All staff must conduct a self-screen prior to entering any campus, other district facility, or a school-related event.

All students and visitors are encouraged to conduct a self-screen prior to any campus, other district facility, or a school-related event.

**Self-Screening Questions**
People with COVID-19 have a wide range of reported symptoms - from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. For individuals with chronic conditions, a positive self-screening should represent a change from their typical health status.

Self screening with the following questions can help assess the risk that an individual has been exposed to COVID-19 and help determine when symptoms are more likely to be from COVID-19.
★ Have you recently begun experiencing any of the following symptoms in a way that is not normal for you?
  ○ Feeling feverish or a measured temperature greater than or equal to 100.0 degrees Fahrenheit
  ○ Loss of taste or smell
  ○ Cough
  ○ Difficulty breathing or shortness of breath
  ○ Headache
  ○ Chills
  ○ Sore throat
  ○ Muscle or body aches
  ○ Diarrhea
  ○ Fatigue
  ○ Congestion or runny nose
  ○ Nausea or vomiting

★ Have you had close contact with an individual who is test-confirmed with COVID-19?

★ Have you been tested for COVID-19 and are currently awaiting test results?

Additional Screening
Additional screening of staff or students may be conducted throughout the day, if warranted.

Teachers will monitor students and refer them to the nurse if symptoms are present. The school nurse will assess students who become ill during the school day and parents/guardians will be contacted as needed.

LTISD will not conduct screening COVID testing or pooled testing.

Protocols for Symptomatic Individuals
The best way to prevent illness in our schools and facilities is to stay home when ill. Any individual who believes he/she is sick should not come to campus or work.

LTISD will separate any individual who shows one or more COVID-19 symptoms while at a campus or a district facility until the individual can be screened by school staff and it can be determined whether the individual needs to go home.

As required by the Department of State and Health Services, students, staff and visitors may not attend school or school-related events if they are experiencing symptoms and suspected of having COVID-19. The individual may not return to school or school-related events until the readmission criteria are met.

**Reentry Criteria for Symptomatic Individuals**

Any individual who is experiencing symptoms and suspected of having COVID-19 may not return to a campus, other district facility, or a school-related event until the following criteria have been met:

★ At least 10 days have passed since symptom onset;
★ 24 hours fever-free without the use of fever-reducing medication; and
★ Improved symptoms.

If the individual has symptoms and is suspected of having COVID-19 but wants to return to school or work before completing the above stay at home period, the individual may return early by either (1) obtaining a medical professional’s note clearing the individual for return based on an alternative diagnosis, though for health privacy reasons the note does not need to indicate what the alternative diagnosis is; or (2) obtaining an acute infection test that comes back negative for COVID-19. A negative rapid antigen test is not sufficient to rule out COVID-19 infection.

**Protocols for COVID-19 Positive Individuals**

**Reporting**

Confirmed COVID-19 positive tests must be reported to LTISD by any individual who has been in school facilities within two days prior to symptom onset or, in the case of asymptomatic individuals who are test-confirmed with COVID-19, within two days prior to the confirming test.

★ A staff member must report a test-confirmed positive COVID-19 result to their supervisor and Evalene Murphy, Assistant Superintendent of Employee and Community Relations.
★ A student, parent or other visitor must report a test-confirmed positive result to the campus nurse and/or campus administrator.

If an individual who has been on a campus or other district facility is test-confirmed to have COVID-19, the District must notify its local health department and submit a required report to the Texas Department of State Health Services, in accordance with applicable laws.
Areas heavily used by the individual with the test-confirmed case will be closed off until the non-porous surfaces in those areas can be disinfected, unless more than 3 days have already passed since that person was on campus or at the site. In all cases, the high-touch surfaces in those areas will be cleaned.

**Required Isolation**

COVID-19 is a disease requiring exclusion from school under 25 Tex. Admin. Code § 97.7. Accordingly, any individual (student, staff, or visitor) with a COVID-19 positive test result must remain off all campuses, other district facilities, and school-related events until the reentry criteria has been met (see below).

**Notification**

Consistent with school notification requirements for other communicable diseases, and consistent with legal confidentiality requirements, the District will notify all teachers, staff, and families of all students in a school if a test-confirmed COVID-19 case is identified among students, staff, or visitors who participate on any on-campus activities within two days prior to symptom onset, or in the case of asymptomatic individuals, within two days prior to the confirming test.

Additional notification will be provided to students and staff members when there is a positive case in the student’s class / staff member’s classroom, extracurricular program, after-school program, or department if the individual was in the class or program within two days prior to symptom onset, or in the case of asymptomatic individuals, within two days prior to the confirming test.

**Reentry Criteria for Test-Confirmed Positive Individuals**

Any individual test-confirmed positive for COVID-19 cannot return to campus, a district facility, or a school-related event until the following reentry criteria have been met:

- ★ 10 days have passed since symptoms first appeared or, for asymptomatic people, the date of the positive test result; and
- ★ 24 hours fever-free without the use of fever-reducing medication; and
- ★ Improved symptoms.

In accordance with UIL rules, in addition to the criteria above, a student who has been diagnosed with COVID-19 must receive clearance from a physician prior to returning to participation in UIL marching band or athletic activities.
If the individual has tested positive for COVID-19 and believes the test was a false positive, and wants to return to school/work before completing the above stay at home period, the individual must either (a) obtain a medical professional’s note clearing the individual for return based on an alternative diagnosis, though for health privacy reasons the note does not need to indicate what the alternative diagnosis is, or (b) obtain two PCR acute infection tests (at a physician’s office, approved testing location, or other site) at least 24 hours apart that come back negative for COVID-19.

Protocols for Close Contacts
See CDC’s website for what is considered Close Contact.

Students
The District will not be conducting close contact tracing or notification of students. The District will work closely with Austin Public Health, when or if required.

The District cannot require all close contact students to quarantine. When students come into close contact with a person test-confirmed to have COVID-19, they are encouraged to quarantine in accordance with CDC and/or APH’s Quarantine Guidance. [See below for how student absences will be addressed]. If a student remains at school after having close contact, parents must closely monitor their student for COVID-19 symptoms and shall not send the student to school if he/she begins exhibiting any symptoms. [See Protocols for Symptomatic Individuals.]

However, in accordance with rules published by the Texas Education Agency in its most current Public Health Guidance, any student living in the same household as a COVID-19 positive person will be required to quarantine and may not reenter school until 10 days after their date of last exposure to the positive individual, unless the student is fully vaccinated or has tested positive for COVID-19 in the last 90 days. If a student begins exhibiting COVID symptoms or tests positive, the student must remain off campus until the applicable reentry criteria have been met.

Staff
In accordance with rules published by the Texas Education Agency, employees who meet the definition of close contact will be allowed to stay on campus only if the individual is asymptomatic and participates in a periodic rapid testing program. Rapid testing will be conducted by trained staff members at the start of the work day.
Should an employee test positive during this time, he/she must isolate and may not return until the re-entry criteria has been met. If an employee chooses not to participate in the testing, the employee will be required to stay home for the applicable close-contact quarantine period.

Absences

Students
For students who are positive for COVID or symptomatic, absences will be handled as any other absence due to illness and will be considered excused assuming documentation is provided in accordance with the requirements in the Student Parent Handbook.

Absences for students who are either required to quarantine or who choose to quarantine due to close contact or suspected close contact will be considered excused, for a maximum of 14 calendar days from the date of last exposure. A principal has the discretion to deem an absence unexcused if other circumstances arise that indicate a questionable pattern of absences or a student remains absent for longer than the required quarantine period.

For families choosing to keep students home who are not COVID positive, symptomatic, close contact, or otherwise excused per LTISD’s attendance procedures (see Student Parent Handbook), the absence will be considered unexcused.

Students will have the opportunity to keep up with instruction through various options including asynchronous lessons using technology and/or daily work from the classroom teacher. Students will not be enrolled in or provided access to the virtual learning classroom.

Staff
Staff are encouraged to review the Employee Handbook for changes and additional flexibilities in leave beginning the 2021-2022 school year.
Lake Travis ISD
Return to School for Positive, Symptomatic, or Close Contact Students

COVID Positive

Promptly Report to Campus Principal or Nurse

Symptomatic

Student must remain off campus until:
- 10 days have passed since symptom onset;
- 24 hours fever-free without use of medication; and
- Improved symptoms.

Student may return early if he/she:
- Obtains an alternative diagnosis from a physician; or
- Obtains a negative acute infection test (rapid antigen test not accepted).

Close Contact

Student lives in the same household as an individual who has tested positive.

Student is asymptomatic and either fully vaccinated or has tested positive for COVID in last 90 days.

Quarantine not required.

Student has had close contact exposure outside of household.

Student is not vaccinated and has not tested positive for COVID in last 90 days.

Required to quarantine for at least 10 days after the date of last exposure, in accordance with TEA rules.

Recommended the student quarantine in accordance with CDC or APH guidance.
Health & Safety Protocols

Protocols for Face Coverings
In accordance with Executive Order GA-38, Lake Travis ISD is prohibited from requiring any person to wear a face covering or to mandate that another person wear a face covering. Therefore, the use of face coverings or face masks is optional for all staff, students, and visitors while at district facilities, whether outside or inside district facilities or while utilizing district transportation. While we recognize and respect personal choice, LTISD also strongly encourages all staff, students and families to wear a mask or other face covering while inside, on campus, or riding district transportation.

★ Parents may elect to have their student(s) to wear a face covering or face mask at any or all times. Staff and visitors may choose to wear a face covering or face mask at any or all times.
★ The District expects all students, staff, and visitors to respect the choice of others regarding the use of face coverings.
★ The District will work to ensure that students are not treated differently as a result of their choice to wear or not wear a face covering.

Handwashing, Hand Sanitizing, and Respiratory Etiquette
Frequent handwashing or hand sanitization is one of the best ways to protect the health and wellness of students, staff, and visitors. The District has an inventory of hand sanitizer which is readily available for anyone who needs it.
★ Hand sanitizer and/or handwashing stations will be available at all main entrances to the campus or other facilities, as well as the receptionist desks, all classrooms, conference rooms, workrooms, cafeterias and common areas throughout the campus and other district facilities.
★ Staff and students will be expected and encouraged to regularly wash their hands with soap and water or utilize hand sanitizer.
★ Visual reminders of best practices and signage for hand washing and frequent hand sanitization will be displayed throughout the campus and other district facilities and in restrooms.
★ Key times to wash or sanitize hands include before, during, or after food preparation; before and after eating food; after using the toilet; after blowing your nose, coughing, or sneezing; after touching garbage.
★ To prevent the spread of germs, students and staff should wash or sanitize hands before and after touching eyes, nose or mouth; entering and leaving a public place; or touching an item or surface that may be frequently touched by other people.
★ Students and staff are encouraged to cover coughs and sneezes with a tissue when not wearing a mask and immediately wash their hands after blowing their nose, coughing, or sneezing.
Improved Ventilation

LTISD’s 2018 Bond Program allocated over $12 million to upgrade the District’s HVAC systems. All campuses have had major upgrades to the systems.

★ All LTISD facilities have been upgraded from MERV-8 (Minimum Efficiency Reporting Value) commercial-grade pleated filters to the MERV-13 commercial-grade pleated filter. The higher the MERV rating, the more effectively the filter traps small particles. These filters are commonly installed in food and beverage, healthcare, hospitality and industrial facilities to remove contaminants from the air stream and improve air quality.

★ LTISD air units have been recalibrated at each facility to bring in more outdoor air and run longer to further filter the air and improve indoor air quality.

★ Air filtration in the bus air conditioning systems have been updated to a MERV-6 filter.

Cleaning and Disinfecting

Enhanced cleaning protocols have been identified by district stakeholders as a top priority for a safe return to school.

Campuses

The following frequent cleaning and disinfection practices will continue to be implemented at all campuses to support a healthy learning and working environment for students and staff.

★ Each campus has custodial staffing assigned specifically during the school day to clean high contact areas and surfaces as well as to quickly respond to areas heavily used by an individual who has been test-confirmed to have COVID-19.

★ Areas that are heavily used by an individual with a test-confirmed COVID positive case will be closed off until the non-porous surfaces in those areas can be disinfected, unless more than 3 days have already passed since that person was on campus or at the site. In all cases, the high-touch surfaces in those areas will be cleaned.

★ Each classroom and office will be cleaned and disinfected daily at the end of the day.

★ Each campus has electrostatic sprayers for sanitization of high-contact areas.

★ Staff and students will have access to disinfecting items or wipes and gloves to sanitize working surfaces, shared objects, technology devices, and high-touch areas after use and during breaks in instruction.

★ Tissues will be made available for students and staff to cover coughs and sneezes. Hand sanitizer should be used immediately following any tissue use, and used tissues should be promptly disposed of in the trash can.
★ Cafeteria tables will be wiped down thoroughly between each group with consideration for food allergies in alignment with table cleaning protocols outlined in the District’s Food Allergy Management Plan.
★ In addition to cleaning between classes, electrostatic spraying of all cafeteria tables and seats will occur daily.
★ Athletic areas will be frequently disinfected during the week with an electrostatic sprayer. Disinfectant spray will also be utilized for athletic lockers.
★ Each campus will be disinfected on a monthly basis with a hospital grade, long-lasting antimicrobial coating that provides a disinfectant barrier and provides continuous residual virucidal activity.
★ Cleaning products include EPA-approved hospital-grade cleaners.
★ Water fountains will be turned off or covered and water bottle fillers will be installed and available for staff and student use. Students are encouraged to continue bringing their own personal water bottles.

Further details on SSC's COVID-19 Cleaning Strategies and Safety Data Sheets may be found in Appendix A.

Other District Facilities
Other district facilities will be regularly cleaned and disinfected.
★ Daily cleaning and disinfecting will occur at all other district facilities, including cleaning of high-contact areas and surfaces.
★ Common spaces will have disinfecting wipes available.
★ Custodial staff will respond quickly and deep clean areas heavily used by an individual who has been test-confirmed to have COVID-19.

Restrooms at All Facilities
★ All restrooms will be disinfected daily including cleaning knobs, doors, faucets, toilets, stalls and floors.
★ A germicidal cleaner is utilized on all toilet seats and bowls.
★ Electrostatic spraying will also be used as part of daily cleaning strategies.
★ Floors will be auto scrubbed once a week.

Protocols for Buses
Bus routes will run at regular capacity. Although the District is implementing the safety protocols and disinfecting efforts described below, families are encouraged to drop students off, carpool or walk with their students to school to reduce possible exposure on buses.
Requirements for Riding the Bus

★ Students should practice social distancing, whenever possible (if there is adequate space and it is safe to do so) while waiting for and approaching the school bus.
★ When boarding, students will be provided hand sanitizer near the bus stairwell.
★ Students may NOT share drinks or personal devices while on the bus.
★ Students will sit in their assigned seats. The bus driver will maintain a seating chart.
★ Standard bus rules apply while the bus is in motion.

Disinfecting Protocol

★ School bus drivers, bus assistants and staff will spray and wipe down seats and high-touch items twice a day. Each bus will be deep cleaned with disinfectant spray between morning and afternoon pickup and dropoff.
★ If there are any confirmed positive COVID cases on any bus route, the bus will be taken out of rotation until it can be disinfected, including electrostatic spraying of the bus interior.

Physical/Social Distancing Practices

With all students returning to in-person learning and space and facility limitations, the District cannot guarantee that physical/social distancing can be accomplished. However, the campuses will work to minimize large indoor gatherings of students during the school day (e.g., Friday assemblies at elementary campuses).

Vaccines

★ Vaccination is optional. The District does not require that either students or staff be vaccinated.
★ The District provided ample opportunities during the spring of 2021 for staff to receive a COVID-19 vaccine, should they wish to be vaccinated.
★ The District communicated to parents opportunities in the spring 2021 for eligible students to receive a vaccine and will continue to communicate to parents those opportunities throughout the 2021-2022 school year.
★ For more information on vaccines or to schedule an appointment, more information may be found at Get a COVID-19 vaccine page.

Visitors and Volunteers

Visitors and volunteers may enter campuses districtwide. Visitors and volunteers must follow all applicable COVID protocols outlined in this plan.
The District may reevaluate and update access to campuses as needed to address changes in COVID conditions in our community.

**Meetings**
- ★ Parent meetings or conferences may be held in person with a scheduled appointment.
- ★ The option for virtual parent meetings or conferences will continue to be offered as well.

**Events**
Campus and district activities and events (e.g., back-to-school, class parties, assemblies, field trips, plays, performances, etc.) may be allowed, but are subject to change based on current conditions.

**Social and Emotional Concerns**
- ★ All school counselors are available to support students academically, socially, and emotionally and can provide mental health support or resources for families who may be struggling emotionally.
- ★ Contact information for your student's LTISD counselor and local mental health resources can be found on the District website.
- ★ To ensure staff are equipped to address social, emotional and mental health concerns, LTISD Counseling Services will continue to host training opportunities for all staff including trauma-informed care, mental health first aid, and social emotional learning.

**Accommodations**
- ★ Requests for accommodations to these protocols will be considered for those individuals who have a documented medical or disability-related condition that may prevent them from being able to comply.
- ★ Parents seeking an accommodation for their student must contact their campus principal. The campus principal will provide the parent with an accommodation request packet that must be completed. This packet will include a verification form to be filled out by a physician. Once the information is returned, student requests for an accommodation will be considered and addressed on an individual case-by-case basis through either the student's 504 committee, ARD committee, or administratively, as applicable.
- ★ Staff seeking an accommodation to the protocols must contact Evalene Murphy, Assistant Superintendent for Employee & Community Relations, for further information.
Continuity of Services
The District intends to continue to use both federal and state money to address students’ academic needs and students’ and staff social, emotional, mental health and other needs through the following additional resources:

- ★ Early Literacy/PreK Coach
- ★ MTSS/504 Coordinator for Elementary School
- ★ Middle School and High School Social Workers
- ★ Middle School Interventionist
- ★ At-Risk Teachers
- ★ Special Services Student and Parent Support
- ★ Cleaning supplies and materials
SSC COVID-19 Strategies

SSC will continue to monitor the safety of the workplace. As circumstances dictate, SSC will take all appropriate precautionary and preventive measures to ensure that our workplaces are safe, and we will regularly advise our associates of such on-going preventive measures. SSC continues to follow CDC guidelines as it pertains to monitoring, testing, reporting, and returning to work for those employees suspected or having tested positive for the COVID-19 virus.

SSC’s goal is to support your district during this challenging time. You may implement additional policies regarding COVID-19, and SSC associates shall be required to adhere to those policies to the extent that site policies impose greater restrictions than those set forth by SSC.

Additional planning will be developed by SSC once the site adopts in what manner instruction returns to the campus. SSC is currently working on a “fall cleaning plan” which will encompass the recommendations provided by your site and the CDC. Once SSC receives direction from the site, a plan can be customized to meet all those needs for additional services.

Actions taken to promote employee safety- Maintenance, Custodial, Grounds, and EDCS:

- Additional hand sanitation stands have been deployed at the employee time clocks.
- Time clocks are sanitized throughout the day.
- Staggered start times have been implemented for all crews.
- The use of facial covering was made mandatory when social distancing (6 ft.) could not be achieved. This applies to both the job site and while driving through out the district.
Custodial Strategies for Covid-19

Below are the current strategies employed by SSC Custodial Staff in the mitigation of the COVID-19 virus. Please note that SSC has begun to build additional inventory in the event that the site directs SSC to do so. However, increased cleaning will likely result in the need to increase staffing on the campus. This increase in staffing and material will have a financial impact on the site.

**Inventory:** SSC has been able to successfully procure all needed custodial supplies.

**Equipment:** SSC has procured electrostatic sprayers, backpack sprayers, and Clorox 360 machines utilized in the disinfection process. These particular units will be utilized in the fall cleaning plan to address the defecing of classroom space and public gathering spaces.

**Current Approved Custodial Cleaning Plan- COVID-19**

The attached cleaning specification approved by SSC and FDA will continue to be used with the following modifications. See Cleaning Specifications on next page.

- All general cleaners have been replaced with EPA rated Virucides
- Frequencies of cleaning tasks will be modified on a building by building bases, based on occupancy and traffic. See Attachment A.
- All touchpoint areas will be disinfected every weekday morning, note that building receiving 7 day service will be done daily. These areas include but are not limited to the following: Tables, doorknobs, light switches, countertops, handles, desks, elevator buttons, railings, vending machines, drinking fountains, push plates, and bathrooms. See Attachment B
- SSC will be focusing on highly used areas. Providing additional disinfecting and cleaning.
- SSC will also provide porter services for specific areas i.e. computer labs when requested by the site.
- Areas that are not being utilized i.e. Secured/closed areas will be cleaned less frequently and the focus and frequency will be on public spaces and high traffic areas.
- SSC will be focusing on deep cleaning the building while the majority of the students are not on campus.
- SSC recommended that staff/faculty clean and disinfect their personal items in their office, i.e. Phone, keyboard, mouse, TV and computer. SSC is willing to supply product to based on availability.
- SSC can provide disinfectant spray bottles and product to those labs requesting assistance. SSC will continue to follow this practice when Staff, Faculty, and Students begin to return to the campus.

SSC has utilized electric static sprayers and aerosol disinfectant foggers to remediate areas that could have been contaminated with the Covid-19. Below is the process for treating the contaminated areas.

- A request will be generated listing specific areas that need disinfecting.
- Any areas having been exposed to the virus will be cleaned by SSC.
- As per recommendation of the CDC, SSC will clean isolated rooms 24 hours after area exposure.
- If exposure is in common areas, SSC will disinfect immediately.
- An electrostatic sprayer or a canned fog bomb containing an EPA rated virucide will be utilized initially and a wipe down with virucide will be done once fogged.
- SSC will notify the WO initiator once task is complete.

General Cleaning Procedures during COVID-19:

Added safety procedures for the disinfecting process during the COVID-19 Pandemic include the following:

- Change out gloves after each of the following task.
  - Bathroom Cleaning
  - Floor Mopping
  - Office Cleaning
- Utilize spray bottles or a bucket of disinfectant taken from J-fills.
- Utilize a two-rag system while cleaning offices. (A rag that is used in an office is then disinfected while another is used in the next office).
- Wipes and rags are both used to clean touch points in the office.
- A color coded system is utilized on our microfiber towels to avoid cross contamination:
  - Towels are color coded for the specific task:
    - 1. Yellow and red microfiber towels in restrooms only
    - 2. Blue and green are used in all areas except restrooms
  - Rags are changed out throughout the day
  - Restroom rags are changed out after use
  - Office and hallway/common areas are changed out periodically throughout the day
- Disinfectant utilized in buckets is changed out based on soil loading, or after each restroom cleaning is performed.

Proprietary and Confidential
Frequency Schedule for Disinfection

<table>
<thead>
<tr>
<th>Area</th>
<th>Frequency</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrances</td>
<td>1 x day</td>
<td>High</td>
</tr>
<tr>
<td>Elevators</td>
<td>2-3 x day</td>
<td>High</td>
</tr>
<tr>
<td>Stairs</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Offices</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Labs</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Classroom</td>
<td>1 x day</td>
<td>High</td>
</tr>
<tr>
<td>Kitchens</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Bathrooms</td>
<td>2 x day</td>
<td>High</td>
</tr>
<tr>
<td>Common Areas</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Showers</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Locker Rooms</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
<tr>
<td>Fitness Areas</td>
<td>1 x day</td>
<td>Normal</td>
</tr>
</tbody>
</table>

**Touch Points***
- Light switches, door handles, desks, egress doors, water faucets, entire bathroom, chairs, stair handrails, elevators, elevator buttons, and any other surface with a high frequency of human contact

1 X day | High

* Touch Points: Disinfected Monday through Friday morning. Buildings with 7 day service receive this service 7 days a week.
ATTACHMENT B

Key touchpoints:

Classrooms:
- telephones/computers/electronics
- desks/tables
- switches
- door handles
- chairs
- pencil sharpeners/metal surfaces

Restrooms:
- door handles
- switches
- dispensers, paper towel holders
- bathroom handles, toilet flush, shower control, taps
- toilet seats, splash walls

Proprietary and Confidential
Key touchpoints:

**Offices / Conference Areas:**
- telephones / computers / printers
- desks
- switches
- door handles
- metal surfaces

**Athletic Facilities:**
- door handles
- switches
- dispensers
- food contact surfaces
- sinks, shower handles
- toilet seats and flush handles, splash walls
- hard surface benches / chairs
- athletic equipment
- locker exterior

Proprietary and Confidential
MASK USE

Follow these guidelines for wearing a face mask:

- Before putting on a mask:
  1. Clean hands with soap and water.
  2. Inspect the mask for any tears or holes.
- Locate the metal strip in the mask. This is the top of the mask.
- Place the top part of the mask on the bridge of your nose, molding the metal strip to the shape of your nose. Cover mouth and nose with mask and make sure there are no gaps between your face and the mask.
- Avoid touching the mask while using it; if you do, clean your hands with soap and water.
- Replace the mask with a new one as soon as it is damp or soiled and do not re-use single-use masks.
- Masks must be changed between meal periods (or every 4 hours or more often if necessary) and each associate needs to throw away their mask at the end of the day
- To remove the mask:
  1. Remove the mask from behind (do not touch the front of mask).
  2. Discard the mask immediately in a closed bin.
  3. Clean hands with alcohol-based hand rub or soap and water.

- Do not store a mask in your pockets

Interim Guidance – Mask Extended Use: During supply shortages, associates should make every effort to continue to use masks unless significant external moisture or other material contamination occurs.

05.15.2020

Proprietary and Confidential
Universal masking within healthcare settings is a critical tool to protect staff and patients from being infected by asymptomatic and presymptomatic individuals and should be implemented in any community where coronavirus is occurring. For source control to be effective, it requires that everyone wear a mask within healthcare buildings. Alternative facemasks can be manufactured facemasks, or homemade facemasks that are not regulated by the U.S. Food and Drug Administration (FDA). Alternative facemasks may serve as a source control for an individual who may be infected (asymptomatic) as an approach to limit transmission of the virus.

When is it appropriate to wear an alternative facemask?
1. FDA regulated PPE supply is not readily available.
2. A worker in a health care facility does not have direct patient care responsibility (e.g. food and nutrition staff, environmental services staff, administrative staff).
3. Use by employees who do not have respiratory symptoms.
4. Use by visitors or contract staff who are providing services.
5. Asymptomatic staff who have not had exposures to known or suspect COVID-19 cases.

Use of alternate facemasks:
- Before putting on a mask:
  1. Clean hands with soap and water.
  2. Inspect the mask for any tears or holes.
- Place the top part of the mask on the bridge of your nose. Cover mouth and nose with mask and make sure there are no gaps between your face and the mask.
- Avoid touching the mask while using it; if you do, clean your hands with soap and water.
- To remove the mask:
  3. Remove it from behind (do not touch the front of mask).
  4. Clean hands with alcohol-based hand sanitizer or soap and water.
- Do not store a mask in your pockets.
- Alternative facemasks should be changed when saturated from condensation build up from breathing, or after a gross contamination event.
- Dirty and clean facemasks must be housed in separate, clearly labeled containers to prevent cross contamination.
- Clean facemasks should be stored in a breathable container, like a brown paper bag.

Washing masks:
- Wash dirty masks between each use in hot water with regular detergent.
- Dry the mask completely on hot (high) setting. According to WHO, heat of 133 degrees F can kill the coronavirus.

*Interim Guidance – Mask Extended Use: During supply shortages, associates should make every effort to continue to use masks unless significant external moisture or other material contamination occurs.*
Virex® II 256
One-Step Disinfectant Cleaner and Deodorant; Quat Based Disinfectant

1. IDENTIFICATION

Product name: Virex® II 256
One-Step Disinfectant Cleaner and Deodorant; Quat Based Disinfectant

Product Code: 04329, 04331, 04332, 3062637, 3062768, 5019317, 5271416

SDS #: MS0801116

Recommended use:
• Industrial/Institutional
• Disinfectant
• 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.
P.O. Box 19747
Charlotte, NC 28219-0747
Phone: 1-888-352-2249
SDS Internet Address: https://sds.diversey.com

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Acute oral toxicity Category 4
Skin corrosion/irritation Category 1C
Serious eye damage/eye irritation Category 1
Specific target organ toxicity (repeated exposure) Category 2
Flammability Flammable Liquids, Category 4
Metal Corrosion: Category 1

Signal word: Danger.

Hazard Statements
COMBUSTIBLE LIQUID. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. HARMFUL IF SWALLOWED. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. MAY BE CORROSIVE TO METALS.

Precautionary Statements
Causes burns/ serious damage to mouth, throat and stomach. Keep away from flames and hot surfaces. No smoking. Keep container tightly closed.
Keep only in original container. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and
easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Get medical attention or advice if you feel unwell. Absorb spillage to prevent material damage. Store in a well-ventilated place. Keep cool. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: Mix only with water. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:256
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

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>n-alkyl dimethyl benzyl ammonium chloride</td>
<td>68424-85-1</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Tetrasodium salt of EDTA</td>
<td>64-02-8</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>0.5 - 1.5%</td>
</tr>
<tr>
<td>Sodium sesquicarbonate</td>
<td>533-96-0</td>
<td>0.5 - 1.5%</td>
</tr>
<tr>
<td>1-decanamine, n-decyl-n-methyl-</td>
<td>7396-58-9</td>
<td>&gt; 0.1 - &lt; 1%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

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:** Use dry chemical, CO2, water spray or "alcohol" foam.

**Specific hazards:** Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion. Corrosive material (See sections 8 and 10).

**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. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: COMBUSTIBLE LIQUID. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating or lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Absorb spillage to prevent material damage. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Store in a well-ventilated place. Keep cool. Store locked up. Store in corrosive-resistant container with a resistant inner liner.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1000 ppm (STEL)</td>
<td>1000 ppm (TWA) 1900 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

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: Chemical-splash goggles.
   Hand protection: Chemical-resistant gloves.
   Skin and body protection: Protective footwear. Wear suitable protective clothing.
   Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
</tr>
<tr>
<td>Density</td>
<td>1 Kg/L</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, Blue</td>
</tr>
<tr>
<td>Odor</td>
<td>Minty Slightly perfumed</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Completely Soluble</td>
</tr>
<tr>
<td>Relative Density (relative to water)</td>
<td>1.0</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Oxidizing agents. Anionic surfactant. Do not mix with chlorinated products (such as bleach).
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Inhalation, Ingestion, 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: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
Ingestion: Causes burns/serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea. Symptoms may include vomiting, nausea, and/or feeling of general unwellness. Harmful if swallowed.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
Sensitization: No known effects.
Target Organs (SE): None known
Target Organs (RE): No information available

Numerical measures of toxicity

<table>
<thead>
<tr>
<th>ATE - Oral (mg/kg)</th>
<th>1700</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE - Inhalatory, mists (mg/l)</td>
<td>&gt;20</td>
</tr>
</tbody>
</table>

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 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.

Pesticide Storage:
Refer to product label.

Pesticide Disposal:
Refer to product label.

Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste.
RCRA Hazard Class (diluted 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: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III

IMDG (Ocean) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations
EPA Reg. No.: 70627-24
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.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield, rubber gloves and protective clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetophenone</td>
<td>98-86-2</td>
<td>&lt; 0.1%</td>
<td>5000</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Canadian Regulations

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3
Flammability 2

Virex® II 256
One-Step Disinfectant Cleaner and Deodorant; Quat Based Disinfectant
Instability 0
Special Hazards -

**Diluted Product:**
Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2020-04-30
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

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.
1. IDENTIFICATION

Product name: Glance® NA:
Glass & Multi-Surface Cleaner Non-Ammoniated
Product Code: 93172641, 93361936, 95019510, 95271310
SDS #: MS0800734
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

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
Serious eye damage/eye irritation Category 2A

Signal word: Warning.

Hazard Statements
CAUSES SERIOUS EYE IRRITATION.

Precautionary Statements:
Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:40
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).
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, C9-C11, ethoxylated</td>
<td>68439-46-3</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>68585-47-7</td>
<td>0.5 - 1.5%</td>
</tr>
<tr>
<td>Sodium lauryl ether sulfate</td>
<td>9004-82-4</td>
<td>0.5 - 1.5%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information*

4. FIRST AID MEASURES

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin:** No specific first aid measures are required.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Rinse mouth. Drink a cupful of milk or 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:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Remove and wash contaminated clothing and footwear before re-use. 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:** 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.
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

<table>
<thead>
<tr>
<th>Physical State: Liquid</th>
<th>Color: Clear Blue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaporation Rate: No information available</td>
<td>Odor: No Odor/Odorless</td>
</tr>
<tr>
<td>Odor threshold: No information available</td>
<td>Boiling point/range: Not determined</td>
</tr>
<tr>
<td>Melting point/range: Not determined</td>
<td>Decomposition temperature: Not determined</td>
</tr>
<tr>
<td>Autoignition temperature: No information available</td>
<td>Solubility: Completely Soluble</td>
</tr>
<tr>
<td>Solubility in other solvents: No information available</td>
<td>Relative Density (relative to water): 1.00</td>
</tr>
<tr>
<td>Density: 1 Kg/L</td>
<td>Vapor density: No information available</td>
</tr>
<tr>
<td>Bulk density: No information available</td>
<td>Vapor pressure: No information available</td>
</tr>
<tr>
<td>Flash point (°F): &gt; 200 °F &gt; 93 °C</td>
<td>Partition coefficient (n-octanol/water): No information available</td>
</tr>
<tr>
<td>Viscosity: 3</td>
<td>Elemental Phosphorus: 0.0 % by wt.</td>
</tr>
<tr>
<td>VOC: 0.3 % *</td>
<td>pH: = 7</td>
</tr>
<tr>
<td>Flammability (Solid or Gas): Not applicable</td>
<td>Corrosion to metals: Not determined</td>
</tr>
<tr>
<td>Sustained combustion: Not applicable</td>
<td></td>
</tr>
<tr>
<td>Explosion limits: - upper: Not determined - lower: Not determined</td>
<td></td>
</tr>
</tbody>
</table>

Glance® NA
Glass & Multi-Surface Cleaner Non-Ammoniated
**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**

**Skin contact:** Unlikely to be irritant in normal use.
**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.
**Ingestion:** Symptoms may include stomach pain and nausea. May be irritating to mouth, throat and stomach.
**Inhalation:** Symptoms may include coughing and difficulty breathing. May be irritating to nose, throat, and respiratory tract.
**Sensitization:** No known effects.
**Target Organs (SE):** None known
**Target Organs (RE):** None known

**Numerical measures of toxicity**

- **ATE - Oral (mg/kg):** >5000

---

**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 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.

**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):** 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**
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

**RIGHT TO KNOW (RTK)**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol, C9-C11, ethoxylated</td>
<td>68439-46-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>68585-47-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Sodium lauryl ether sulfate
9004-82-4

Ethyl alcohol
64-17-5

CERCLA/ SARA
CAA HAP/CAA ODS/CWA Priority Pollutants: None

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2
Flammability 0
Instability 0
Special Hazards –

Diluted Product:
Health 0
Flammability 0
Instability 0
Special Hazards –

Revision: 2020-05-11
Version: 08.0

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.
SAFETY DATA SHEET

Crew® NA SC
Non-Acid Bowl and Bathroom Disinfectant Cleaner

Revision: 2019-06-04
Version: 03.0

1. IDENTIFICATION

Product name: Crew® NA SC
Non-Acid Bowl and Bathroom Disinfectant Cleaner
Product Code: 5019237, 5546264
SDS #: MS0801053
Recommended use: • Restroom Care
• 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.
P.O. Box 19747
Charlotte, NC 28219-0747
Phone: 1-888-352-2249
SDS Internet Address: https://sds.diversey.com

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Category 1C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Signal Word: Danger.

Hazard Statements
CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

Precautionary Statements
Causes burns/ serious damage to mouth, throat and stomach. Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Get medical attention or advice if you feel unwell. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.
Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:128
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

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, C12-C15, ethoxylated</td>
<td>68131-39-5</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Tetrasodium salt of EDTA</td>
<td>64-02-8</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Di-n-alkyl dimethyl ammonium chloride</td>
<td>68424-95-3</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>n-alkyl dimethyl benzyl ammonium chloride</td>
<td>68424-85-1</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Disodium metasilicate pentahydrate</td>
<td>10213-79-3</td>
<td>0.5 - 1.5%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information*

### 4. FIRST AID MEASURES

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

**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:** Not applicable.

**Specific hazards:** Corrosive material (See sections 8 and 10).

**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. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. 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 AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May vigorously react with strong alkaline products resulting in spattering and excessive heat. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

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: 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

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Protective footwear. Wear suitable protective clothing.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 8.51 1.02
Bulk density: No information available
Flash point (°F): >200°F > 93 °C
Viscosity: No information available
VOC: 0.8 % *
Flammability (Solid or Gas): Not applicable
Sustained combustion: Not applicable
Explosion limits: - upper: Not determined - lower: Not determined

Color: Clear, Blue
Odor: Floral Slightly perfumed
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: No information available
Relative Density (relative to water): 1.02
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: 12.6
Corrosion to metals: Not corrosive to metals

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

Crew® NA SC
Non-Acid Bowl and Bathroom Disinfectant Cleaner
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: None reasonably foreseeable.
Materials to avoid: 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. Oxidizing agents. Anionic surfactant.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Inhalation, Ingestion, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).
Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
Ingestion: Causes burns/serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
Sensitization: No known effects.
Target Organs (SE): None known
Target Organs (RE): No information available

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 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.

Pesticide Storage:
Refer to product label.

Pesticide Disposal:
Refer to product label.
Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste.
RCRA Hazard Class (diluted 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: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III
IMDG (Ocean) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations
EPA Reg. No.: 6836-73-70627
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.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

CERCLA/ SARA

Canadian Regulations

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3
Flammability 0
Instability 0
Special Hazards -

Diluted Product:
Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2019-06-04
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
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.
# Safety Data Sheet

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** LAST  
**SYNONYMS:** LAST Disinfectant and Antimicrobial Coating  
**EPA REGISTRATION:** 75174 - 10

**MANUFACTURER** SiShield Technologies, Inc.  
**DISTRIBUTOR:** Microbial Defense Laboratories  
**ADDRESS:** PO BOX 730  
Spring Branch TX 78070

**EMERGENCY TELEPHONE NUMBER (CHEMTREC):** 1-800-424-9300  
**NON-EMERGENCY TELEPHONE NUMBER:** 404.636.8900  
**FAX PHONE:** 404.636.8500

**CHEMICAL FAMILY:** Organosilane

**PREPARED BY:** SiShield Technologies

**SECTION 1 NOTES:** None

## SECTION 2: HAZARD(S) IDENTIFICATION

**GHS Classification:** Mixture

<table>
<thead>
<tr>
<th>Health</th>
<th>Environmental</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irritation: Category 3</td>
<td>None Listed</td>
<td>None Listed</td>
</tr>
<tr>
<td>Eye Irritation: Category 2B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Toxicity Oral: Category 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GHS product labeling:**

<table>
<thead>
<tr>
<th>GHS Label Pictogram(s):</th>
<th>No Pictogram Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal Word(s):</td>
<td>Warning</td>
</tr>
<tr>
<td>GHS Hazard Statement(s):</td>
<td>H316: Causes mild skin irritation</td>
</tr>
<tr>
<td></td>
<td>H320: Causes eye irritation</td>
</tr>
<tr>
<td></td>
<td>H303: May be harmful if swallowed</td>
</tr>
<tr>
<td>GHS Precautionary Statement(s):</td>
<td>P103: Read label before use</td>
</tr>
<tr>
<td></td>
<td>P264: Wash hands thoroughly after handling.</td>
</tr>
</tbody>
</table>
P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do.
P332 + P337 + P313: If skin irritation occurs or if eye irritation persists, get medical attention. Contact a doctor or poison control center if product is swallowed.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS
ALL SPECIFIC HAZARDOUS COMPONENTS (IF ANY), REQUIRED TO BE IDENTIFIED BY FEDERAL AND/OR STATE LAW, ARE IDENTIFIED BY COMPONENT NAME AND CASRN NUMBER AND LISTED IN REQUIRED SECTIONS 3, 8, 14 AND 15 OF THIS SDS.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Aqueous Organosilane</td>
<td>100</td>
</tr>
</tbody>
</table>

This product does not contain any hazardous components which require disclosure under US State or Federal Laws

SECTION 4: FIRST-AID MEASURES

Inhalation: If respiratory symptoms develop, move victim from contaminated area to fresh air. If not breathing, apply artificial respiration, preferably by mechanical means. Avoid direct mouth to mouth resuscitation. If symptoms persist, obtain medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Wash with plenty of soap and water including hair and under fingernails. Do not apply any medicated agents except on the advice from a physician. Get medical attention if needed.

Eye Contact: Immediately flush eyes with large amounts of running water for at least 15 minutes, holding eyelids apart to facilitate irrigation of the entire surface of the eyes and lids. Do not apply any medicated agents except on the advice of a physician. Get immediate medical attention.

Ingestion: DO NOT INDUCE VOMITING OR ADMINISTER EMETICS EXCEPT ON THE ADVICE FROM A PHYSICIAN. If victim is fully conscious, give 2 - 3 glasses of water to drink. Contact a physician, hospital or Poison Control Center immediately. Do not give anything by mouth to an unconscious person. To ensure airway is open, position with head lower than body and transport immediately to a medical facility.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR,
UPPER: Not determined LOWER: Not determined

FLASH POINT: Not Determined

METHOD USED: Pensky-Martens Closed Tester Method
EXTINGUISHING MEDIA: Carbon dioxide (CO₂), water fog (or spray), dry chemical, or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Heat exposure pressurizes closed containers. Cool with water spray. Evacuate area in case of overheating fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can travel along the ground to remote ignition sources. Static electricity may accumulate and ignite vapors. Prevent a possible fire hazard by suitable means, such as, bonding and grounding, inert gas purge, vapor dilution, and the like.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Oxides of Carbon

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES
ACCIDENTAL RELEASE MEASURES: Disposal of collected product, residues, and clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Remove possible ignition sources and if needed, use non-sparking tools and equipment. To prevent possible spontaneous combustion, store rags, mops, absorbent, etc., used during clean up only in appropriate containers or covered with water. Determine whether to evacuate or isolate the area depending on such specific factors as site location, population density, traffic flow, size of the release or spill, weather conditions, the material’s hazards and risk to people, and whether a fire is underway or possible. Mop, wipe, or soak up with absorbent and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Clean any remaining slippery surfaces by appropriate techniques, such as: several moppings or swabbing with appropriate solvents; washing with mild, caustic detergents or solutions, or high pressure steam for large areas. For non-silicones, use typical industrial cleaning materials. Observe any safety precautions applicable to the cleaning material being used. Local, state, and federal reporting requirements may be applied to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

SECTION 6 NOTES: See Section 8 for Personal Protective Equipment for Spills.

SECTION 7: HANDLING AND STORAGE
HANDLING: Wear appropriate personal protective equipment. (See Section 8)

STORAGE: Keep container closed and away from heat, sparks, and open flame. Keep container closed and store away from water and moisture.

OTHER PRECAUTIONS: Store in original closed container in a secure area inaccessible to children and away from food or feed.

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS:
Local exhaust: Recommended General Ventilation: Recommended
RESPIRATORY PROTECTION: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls. A suitable respirator would be a self-contained breathing apparatus (SCBA) or other supplied respirator.

EYE PROTECTION: Wear protective eyewear (goggles, face shield, or safety glasses with side shields).

SKIN PROTECTION: Chemical protective gloves are recommended.

### Occupational Exposure Value(s)

<table>
<thead>
<tr>
<th>Chemical name (CAS #)</th>
<th>ACGIH (TWA)</th>
<th>ACGIH (STEEL)</th>
<th>OSHA (TWA)</th>
<th>OSHA (STEEL)</th>
</tr>
</thead>
</table>

Comments: (S) = Skin, (C) = Ceiling

These precautions are for room temperature handling. Use at an elevated temperature or aerosol/spray applications, may require added precautions.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, light yellow liquid

ODOR: Mild

PHYSICAL STATE: Liquid

pH: 5

BOILING POINT:
F: Not determined
C: Not determined

MELTING POINT:
F: Not determined
C: Not determined

FREEZING POINT:
F: Not determined
C: Not determined

VAPOR PRESSURE (mmHg) @ 77°F: 100.00 Hg

DENSITY: 8.34 lbs/gal

SPECIFIC GRAVITY: 1.0

EVAPORATION RATE: Not Determined
SOLUBILITY IN WATER: Complete
PERCENT VOLATILE: Not determined
VISCOSITY: Not determined
SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): None
INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids and strong bases.
HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur
SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation, Skin Contact, Ingestion, Eye Contact

TOXICITY TO ANIMALS:
Acute oral toxicity (LD50): Not determined
Acute dermal toxicity (LD50): Not determined
Eye Irritation: Not determined
Skin Irritation: Not determined
Acute Inhalation Toxicity(LC50): Not determined

CHRONIC EFFECTS IN HUMANS:
None expected
SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements of the National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

SECTION 12 NOTES: None
SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food, or feed by storage and disposal. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA regional office for guidance.

SECTION 13 NOTES: Container disposal: (plastic) Triple rinse (or equivalent), then offer for recycling or reconditioning, puncture and dispose of in a sanitary landfill, incineration, or by burning (if allowed by the state and local authorities). If burned, stay out of smoke. (metal) Triple rinse (or equivalent), then offer for recycling or reconditioning, puncture and dispose of in a sanitary landfill, incineration, or by other procedures approved by state and local authorities. (glass) Triple rinse (or equivalent), then dispose of in a sanitary landfill or by other approved state and local procedures.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
Not Regulated

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (Toxic Substances Control Act) Status: All components of this product are listed on the TSCA inventory of chemical substances.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
None

311/312 HAZARD CATEGORIES:
Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS:
California
Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer.
Safety Data Sheet

None

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause birth defects or other reproductive harm.

None

STATE RIGHT TO KNOW:

None

FEDERAL HAPS:
None

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA):

SiS 200D as delivered is not a RCRA hazardous waste

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Prepared by SiShield Technologies

DISCLAIMER: This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Last Updated: 04/01/2020

END OF DOCUMENT