

Regina Public School Division

Fall 2020 School Re-Opening Plan

As of August 1, 2020

This plan will be updated as required by emerging health risk assessments.



REGINA PUBLIC SCHOOLS

Message from the Director of Education

This document is Regina Public School Division's initial plan for the return to in-school learning on September 1, 2020. It is based on the Government of Saskatchewan and Response Planning Team (RPT) guidelines and was written with the input of staff project teams from all areas of the school division. The focus of this plan is to create a safe, flexible and collaborative re-opening of our schools and services.

Regina Public Schools will remain responsive to the needs of our students, staff and communities and to the requirements of public health authorities and the Ministry of Education. We will revise and update this plan as required by emerging health risk assessments.

Greg Enion
Director of Education

Introduction

In preparing this document, all areas of the school division brought their perspectives on how to reopen school and school division operations. This document outlines how each area and service of school and school division operations, programming and supports are expected to open safely in August for staff and on September 1, 2020 for students.

Ongoing work and fine tuning of the plan will continue throughout August by the following working groups:

- Elementary Instruction and Operations
- High School Instruction and Operations
- Intensive Needs Programming and Supports
- Assessment and Reporting
- Remote Learning
- Arts Education and Band Programming
- PAA and Physical Education Programming
- Pre-K and K Programming
- Science Instruction
- Second Language/French Immersion Programming
- IT Support
- Facilities Operations
- Transportation Operations
- Human Resource Management

Provincial Guidance

On June 9, 2020, the Government of Saskatchewan announced a [return to school](#) in the fall.

On June 18, 2020, the Government released the [Primary and Secondary Educational Institution Guidelines](#) to provide direction to school divisions in preparing for the return of students and staff. The key points from these Guidelines are summarized in the pages that follow, along with their specific application in Regina Public Schools.

Additional key messages from the Ministry include:

- Education will continue in the fall with the full curriculum and all students are required to participate.
 - Staff will be physically present in the school, even for remote provision of learning.
 - School divisions will work with families who decline to send their children to school.
 - School divisions will devise plans based on their local context, taking into consideration the directives for physical distancing and health precautions, as well as ensuring there are equitable learning opportunities/access for all students.

- The sector has transitioned from emergency remote learning to delivery of the provincial curriculum. Special considerations (such as increased special project credits available, all students progressing to the next grade and receiving a minimum 50% mark) implemented during the supplemental learning period from March 2020 to June 2020 are no longer in effect.

- A shift in pedagogy may be required. School divisions have a responsibility to leverage the professional and operational learning achieved during the supplemental learning period. The sector has a shared responsibility to provide support as teaching professionals continue to make significant shifts in their pedagogical practices.

- As a provincial education sector, we will be taking our cues and developing return to school plans based on the direction and phasing of the Re-Open Saskatchewan plan, the Chief Medical Health Officer and local health officials.

Regina Public Schools Re-Opening Plan

1. School Operations

School-level Safety Planning

- In late June, each principal was asked to facilitate a building walk-through to identify and address site-specific potential COVID-19-related risks. If the walk-through was not fully completed in June, principals will complete it in August.
- The walk-through group should include the full OHS Committee if possible (or at minimum the two co-chairs) and representation from each employee group within the school, to provide a variety of perspectives and ideas.
- School-based administrative teams will access two paid days over the summer to develop their school-specific safety plans so that schools are ready for staff and students upon their return.
- Principals will share the plan at the first all-staff meeting of the year and invite discussion, review the plan at subsequent staff meetings, including all staff in the conversation and adapting and adjusting the plan as needed.

Hygiene

- The school division will:
 - Supply hand sanitizer¹ and disinfectant spray towels in each classroom and other regularly used spaces as determined by the principal
 - Prepare a “how-to” wash hands document and/or video for schools to share with parents to reinforce school expectations at home.
- Schools will:
 - Teach and promote proper hand washing practices using soap and water when hands are soiled and hand sanitizer when visibly clean.
 - Develop a regular schedule for routine hand hygiene beyond what is usually expected.
 - Supervise the use of hand sanitizer.
 - Establish where to store masks, gloves and other supplies so that access can be monitored (e.g., nursing rooms, administration offices and staff rooms).

Limit Physical Contact

- The school division will:
 - Supply plexi-screens in administrative offices and similar spaces as needed and direct schools as to where to purchase interior directional signage.
- Schools will:
 - Teach, encourage and practice preventative measures such as limiting physical distance and contact throughout the school day and wearing masks.
 - Limit or restrict public entry into the school and encourage electronic communication with parents and staff.

¹ Vital Oxide. Safety Data Sheet is attached.

- Consider whether signage is needed to remind students and staff about hygiene practices or to mark two-metre distancing.
- Consider ways to limit physical contact by modifying entry and exit procedures, staggering recess, lunch and class transition times and move furniture to provide maximum physical distance.
- Develop procedures to reduce movement within the building during the school day.
- Develop procedures to reduce the number of different users accessing technology devices and to sanitize shared technology and other equipment.
- Develop procedures for sanitizing shared spaces during the day such as teacher and student desks and technology.
- Develop procedures to mitigate crowding in common spaces such as washrooms and hallways during the day.
- Space out desks in classrooms to the extent possible. If excess furniture needs to be moved out of the school and stored centrally, work with your head facility technician who will coordinate with Division-level facilities staff.
- Use caution tape or signage on furniture in common spaces to encourage physical distancing.
- Designate a two metre distance from counters in administration offices, resource centres and other spaces to encourage people to maintain distance. This can be achieved using signage or floor markings. Notify Stores if plexi-shields are needed as barriers between staff desks in office spaces.
- Encourage individual activities or activities that encourage more space between students and staff and avoid activities that require physical contact.
- Avoid assemblies or other gatherings in excess of the provincially set maximums.
- Consider preparing a short video walking through the school and explaining changes to routines, physical spaces and expectations to share with parents.
- Designate an isolation area for anyone with COVID-19 symptoms. If a separate room is not available, the student needs to be kept at least two metres away from other students and staff.

Schools may consider staggering student return to allow for teaching revised school protocols.

Limit Shared of Materials and Equipment

- The school division will supply disinfectant spray and/or wipes in classrooms and other regularly used spaces within schools.
- Schools will:
 - Establish protocols for bringing materials (e.g., bags, school supplies) in and out of schools.
 - Remove or reduce play with toys that encourage group play in close proximity and keep toys that encourage individual play.
 - Encourage labelling of items with student names.
 - Encourage students to bring their own water bottles and develop a plan for refilling during the day.
 - Encourage students to bring their own masks.
 - Deploy technology so as to minimize sharing.

- Remove any soft toys, pillows, blankets, rugs or other items that cannot easily be sanitized.
- Sanitize toys and manipulatives daily using school division-provided sanitizer.
- Establish guidelines and practices for use and sanitizing of coffee makers, microwave ovens and appliances.

Note that there is no evidence that the COVID-19 virus is transmitted via textbooks, paper or other paper-based products. Therefore, there is no need to limit the distribution or sharing of books or paper educational resources. Remind staff and students that it is good practice to wash their hands before and after handling printed material that is obtained from others.

2. Grades 1-12 Instructional Programming

- The school division will:
 - Form working groups of instructional staff to develop program modifications to practical and applied arts, physical education, band and arts education programs to allow for physical distancing and communicate the planning teams' recommendations for the classroom environment and instruction for students.
 - Decide on Division-wide programming at Campus Regina Public later in August based on circumstances at that time.
 - Create a remote learning project team which will be contemplating both a blended approach as well as a full remote learning approach. This team that will work with staff and families around the provision of remote learning.
 - Provide professional development opportunities that were identified as needs during the supplemental learning period and by the parent survey.
 - Have consistent remote learning platforms available for staff and students in place.
 - Continue to use our parent and student portals to communicate assessment and evaluation.
 - Continue to follow our assessment reporting schedule, including French Immersion and EAL.
 - Continue to work with Ministry of Education around appropriate school assessment.
- Schools will:
 - Provide curriculum to and assess all Pre-K to Grade 12 students.
 - Work with their school communities/families to determine who will need the support of the divisions' remote learning team.
 - Use the Division planning team recommendations and templates for practical and applied arts, physical education, band and arts education programming to develop their own school-based plans for instruction.
 - Plan for their own site-specific needs.

3. Student Supports

Students with compromised immune systems

- Some students have additional risk factors due to medical treatments or conditions and that some students live with others who may have compromised immune systems. The school division will designate a senior staff member to coordinate this planning.
- For these students, school staff will create or review a medical safety plan with the primary caregiver to understand the medical need and develop a plan, which could include: connecting with other health care professionals, providing additional personal protective equipment (PPE) for staff supporting the student and/or for the student, decreasing the amount of movement throughout the school, implementing increased sanitation protocols for the student's belongings/equipment, transportation accommodations and supporting through a remote learning model.

Students with Intensive Needs

- The school division will:
 - Form a working group of Intensive Supports staff to develop plans, procedures and protocols over the summer to guide schools in their planning and communicate the team's recommendations for the classroom environment and instruction for students.
 - Continue to support students with intensive needs and programming with supervisors, coordinators and professional supports that can assist school staff in teaching and support learning.
 - Deploy Psychologists, OTs, SLPs and Social Workers to support schools and teachers with Intensive Needs programming.
 - Deploy other division supports such as Autism Interventionists and ELISP support teachers.
- Schools will:
 - Use the division planning team recommendations and templates to develop their own school-based plans for instruction.
 - Plan for their own site-specific needs.

Mental Health and Emotional Supports

- The school division will continue to deploy psychologists, social workers and other specialized supports for students.
- Schools will deploy guidance counsellors to support students and seek Division-level supports using established processes.

4. Nutritional Services

- The school division will work with principals to allocate noon supervision time.
- Schools will:
 - Use proper food preparation and distribution restriction based on the provincial guidelines.
 - Deliver school-supplied food directly to the classroom in individual portions to each student.
 - Organize students to eat their lunch in their own classroom and use signage in high school common spaces to encourage physical distancing
 - Encourage high school students to go home for lunch.
 - Not operate serveries or canteens where students prepare food until the RPT, Government and/or Chief Medical Health Officer provide re-opening guidelines.

5. Curricular and Extra-curricular Activities

- No curricular field trips will be allowed until further notice.
- Provincial direction is expected once the group/gathering capacity limits for fall 2020 are known. The school division will follow provincial guidelines and guidance from each individual sport governing body and/or provincial athletic associations and will consult with the Regina Public School Teachers' Association representative before making decisions.
- Schools will:
 - Plan for the offering of extra-curricular activities that have been approved by the Province.
 - Follow all Division and provincial guidelines and guidance from each individual sport governing body and/or provincial athletic associations.

6. Pre-K and Kindergarten Programming

- The school division will form working groups of instructional staff to develop program modifications to Pre-K and Kindergarten programs and communicate the recommendations for the classroom environment and instruction for students.
- Schools will:
 - Use the division's planning team's recommendations and templates to develop their own school-based plans for their classrooms and the provision of instruction.
 - Plan for their own site-specific needs.

7. Facility Operations

- The school division will:
 - Supply schools with hand soap and paper towels, hand sanitizer, disposable gloves, non-medical masks and visors.
 - Provide specific cleaning and sanitizing expectations to facility staff and, where necessary, training.
 - Work to backfill facility staff absences to the extent possible. If absences cannot be backfilled with casual staff, Division-level facilities staff will work with school-based staff to set work priorities to ensure sanitization work is a top priority.
 - Hold off on community use of schools until October and coordinate with the City of Regina for a gradual, phased approach to community use for the remainder of the school year.
- School facility staff will continue to follow provincial health standards and expectations regarding cleaning and disinfection including the [Environmental Cleaning and Disinfection Guidelines](#) and will:
 - Implement additional sanitization protocols at the end of each school day, including hallways, lockers, classrooms, offices, meeting spaces, bathrooms, gyms and other regularly used spaces in the school via a misting application (which is safe for paper, technology, toys, etc.).
 - Regularly disinfect commonly touched spaces throughout the school day, including:
 - Entrance doors
 - Door handles
 - Toilet handles
 - Offices and meeting spaces
 - Water bottle fill stations
 - Photocopiers
 - Laptops, desktops and other technology
 - Laminators
 - Telephones
 - Staff washrooms or other assigned washrooms
 - Office counters
 - Other school-specific high touch areas not listed
 - Shut off all water fountains.
- Communicate that outdoor play structures are not sanitized, therefore hand hygiene after using these structures is essential.
- At least twice per day, the principal and head facility technician will discuss and address any areas of concern. Division-level Facilities staff will provide support as needed.
- In addition:
 - The school division will investigate installation of technology to improve indoor air quality.
 - The school division will purchase water bottle fillers and install at least one in each school and make information available to schools if they choose to purchase more; a tender is under development.

8. Transportation Operations

- The school division will:
 - Continue to provide regular morning and afternoon transportation service.
 - Provide service during the school day for Martin Collegiate programming at the former Dieppe School and, if programming is offered, for Campus Regina Public programming and will not allow field trips or charters.
 - Consult with Regina Catholic School Division on transportation protocols to promote consistency and verify processes involving existing joint busing arrangements.
 - Set and monitor hygiene standards for transportation contractors.
 - Provide direction to schools with vans on sanitizing requirements.
 - Communicate to parents/guardians prior to the start of the year, including:
 - Assurance that transportation services will be available in the fall and note that parents might choose to transport their children themselves.
 - Ask that parents let the Transportation Office know if they will not require bus service in the fall.
 - Explain the cleaning and sanitation process for school buses.
 - Explain that they should not send their child on the bus if they are showing any signs or symptoms of illness. If a student shows signs of illness, dispatch will notify the school immediately.
 - Ask parents to review behaviour expectations and note that students are expected to comply with these expectations.
- Transportation contractors will:
 - Physically distance riders to the extent possible.
 - Seat students from the same household together where possible
 - Ensure drivers implement and maintain a seating plan within the first two weeks of school for as long as required.
 - Plan routes as usual, with Phase 1 complete by the end of July for the period September 1 to 4 and Phase 2 in effect September 7, with subsequent changes made as necessary.
 - Work with school principals to develop drop off and pick up protocols that coordinate with school operational protocols.
 - Continue to operate double routes. The first route arriving at the school will be at the scheduled time. The second route will be delayed by approximately 10 minutes to accommodate sanitation of the bus, which could interrupt student instructional time by up to 5 minutes and will require supervision by school staff. We will run this way for the first two weeks and adjust as needed.
 - Supply each driver with reusable masks and hand sanitizer.
 - Supply each driver with visors that can be put on when students are loading and unloading the bus (not to be worn while driving).
 - Make gloves available to drivers if requested
 - Encourage students to bring and wear masks when appropriate.
 - Sanitize buses between double routes, and following the morning and afternoon runs using school division approved products and applicators. Drivers will still be required to complete their daily general cleaning.

- Ensure all drivers have completed WHIMIS 2015.
- Hold the annual Driver Orientation the week of August 17 to 21, 2020 in sessions to accommodate the distancing guidelines. The orientation will include:
 - Safety protocols for bus sanitization (includes application and PPE use) presented by RPS Manager of Health and Wellness
 - Safe use of PPE (masks, gloves, hand sanitizer and face visors).
 - Seating chart requirement and expectations for completion deadline.
 - Student management guidelines relating to new safety protocols.
 - Q and A session.
- Light vehicle contractors will ensure sanitation to the same standard as in buses including:
 - Sanitize between passengers using the same product as for buses
 - Operators required to provide and encourage drivers to wear a non-medical mask and practice hand hygiene
 - We will review numbers of students per vehicle and work with schools to adjust drop pick up and drop off times if necessary.

9. Human Resource Management

Respect and Personal Responsibility

- Staff will:
 - Take all reasonable actions to ensure their own safety and that of their colleagues.
 - Self-monitor for symptoms and use the online Saskatchewan [COVID-19 Self-Assessment Tool](#).
 - Not attend work when they are symptomatic or required to self-isolate.
 - Follow guidelines for building traffic flow, social distancing, personal hygiene and deploy alternative ways of doing business that reduce risks such as using electronic communication.
 - Regularly wipe down their personal work spaces (desktops, keyboards, laptops, etc.) using Division-supplied disinfecting wipes or spray.
 - Stay home if they are displaying COVID-19 like symptoms. Staff with symptoms will not be required to enter the school when sick to create plans for substitute teachers.
 - Share suggestions or concerns directly with their supervisor and/or with the OHS Committee.

Employee Engagement

- The school division will:
 - Review the re-opening plan with representatives from all employee groups to solicit feedback and recommendations and will consult periodically throughout the fall to monitor progress and identify and address issues as they arise.
- Principals and all supervisors will:
 - Engage OHS Committees in the development, implementation, monitoring and refinement of their school safety protocols and in other legislated duties.
 - Inform employees of the membership and role of the OHS Committee in their school.

- Provide OHS Committee members with reasonable time and training to ensure they can be engaged and responsive.
- Communicate and reinforce safety protocols to all staff.
- Be the first to receive, consider and respond to concerns from employees and refer issues that cannot be resolved at their level to the appropriate person, committee, or department.

Personal Protective Equipment (PPE)

- Under provincial guidelines, school staff are not required to wear personal protective equipment due to COVID-19 except when in close contact with a sick student. PPE will be available at the schools for these situations.
- PPE used prior to COVID-19 should continue to be used in the same manner, for example, protective gloves when handling body fluids.
- Each school will receive a supply of:
 - Sanitizing wipes and/or spray in each classroom for disinfecting surfaces, toys, technology during the school day.
 - Hand sanitizer (non-scented) in each classroom for use by staff and students.
 - Disposable gloves and disposable face masks.
 - Face visors, plexi-screens and gowns as well as a no contact thermometer.
- Staff may bring their own hand sanitizer provided it is scent-free.

Safety Training

- The school division will:
 - Provide training as required including hand hygiene, safe use of disinfectants, COVID-19 health screening and self monitoring, use and proper handling of medical and non-medical masks, safe use and removal of protective gloves. Training will be conducted in a safe manner taking into account social distancing and other requirements.
- All staff will implement the training and ask their direct supervisor for support or assistance if they have questions.

Staff with compromised immune systems

- Some employees have additional risk factors due to medical treatments or conditions and that some employees live with others who may have compromised immune systems.
- For these staff members, we will go through the accommodation process to understand the nature of their medical needs and develop a plan, which could include working in a segregated area, organizing the workplace such that strict physical distancing can be maintained, providing additional PPE provided, limiting the movement of other people in their workspace or working from home. See the section below under Leaves and Accommodations. Consistent with the accommodation, the specific solutions will vary depending on what the individual needs and wants.

Mental Health and Emotional Supports

- The school division will:
 - Rely on the leadership of our Mental Health and Wellness Consultant and Steering Committee and develop a Mental Health and Wellness action plan.
 - Form a working group consisting of membership from all employee groups and other non-unionized and out-of-scope staff.
 - Begin the school year with a professional development session for all staff with the North American Centre for Threat Assessment and Trauma Response.
 - Provide information to all staff about Employee and Family Assistance programs.

What to do if Employees Have Safety Concerns

- The school division will:
 - Prepare posters for staff rooms to direct employees on what to do if they have concerns or questions that will include the information below and space for the names of OHS Committee members.
 - Provide a Q&A reference sheet to all supervisors to help them navigate various situations.
 - Launch an email address that will be monitored and responded to over the summer at schoolreturn@rbe.sk.ca.
 - Provide OHS level 1 and 2 training for committee co-chairs by the end of September.
 - Continue to honour and abide by the terms in collective agreements.
- Staff will:
 - Share concerns or suggestions with their direct supervisor and/or an OHS Committee representative.
 - Document safety concerns and workplaces injuries and their respective investigations in an Employee Incident Report form.
 - Call the 811 Healthline immediately if they are experiencing CVOID-19 like symptoms or are concerned they have been exposed to COVID-19, to share the specifics of the situation and follow instructions provided.

Leaves and Accommodations

- Employees may require leaves or consideration of accommodations due to personal health or family situations. Employees are encouraged to contact their supervisor directly to initiate consideration of their request. Documentation may be required to inform the discussion around potential leaves or accommodations.
- Accommodation arrangements may be worked out at the school or work unit level in some situations. Workplace Health and Wellness and/or Human Resources and a representative from an employee's union or association may become involved if the accommodation goes beyond what can be facilitated at the work unit or school level.

10. Communications

- The school division will disseminate information and details of the *2020 School Re-Opening Plan* internally with:
 - The Trustees of the Regina Board of Education.
 - School division leaders including school-based administrators.
 - All union locals/employee groups.
 - All Regina Public Schools.
 - All contractors, such as transportation services providers.
 - All partners who provide services and/or facilities for the benefit of students, staff and the school division, such as child care providers.

- The school division will contact parents, students and other using the following tactics:
 - Letter and/or video from the Director and other information posts on all school websites.
 - Letter and/or video from the Director and other information posts on school division websites.
 - Information posts on school division social media feed (Twitter).
 - All school-based social media administrators will share this information through their channels.
 - If necessary, email to all existing school families from their school and/or school Division.
 - Direct contact to all Regina-based media to share information and/or engage in interviews for information dissemination to stakeholders.
 - Letter and or email to all school families with relevant information after September 1, 2020 re-entry.
 - School division and schools reserve the option to use emergency telephone and text contact (School Messenger) for critical messaging.

11. Contingency Planning

- The school division will:
 - Create or adapt an administrative procedure for fall 2020 with precautions specific to COVID-19 including specific procedures for students who become ill while at school and are exhibiting potential COVID-19 symptoms.
 - Follow all provincial health guidelines in the event of an outbreak in or connected to a school.
- Schools will follow the provincial protocol for student or staff who become ill at school, which is as follows:
 - Designate an isolation area for anyone with COVID-19 symptoms. If a separate room is not available, the student needs to be kept at least two metres away from other students and staff.
 - If the student requires close contact and care, staff must wear a procedural/surgical mask and eye protection during all interactions with the sick child and should try to avoid contact with the student's respiratory secretions.
 - Once the student leaves, staff must wash their hands and ensure all areas that the sick student touched are cleaned and disinfected. Items that cannot be cleaned and disinfected should be removed from the area and stored in a sealed container for a minimum of three days.
- As per Ministry of Education guidance, if there is a direction from the Chief Medical Health Officer to move to full remote learning, the school division will:
 - Require all students to participate.
 - Deliver the full curriculum.
 - Require staff to be physically present in the school, even for provision of remote learning.
 - Use a consistent, standardized technology platform to simplify communication with parents and students and access the Sun West School Division's distance learning program for consistency.
 - Allow and plan for face to face services for intensive needs students whose needs cannot be met through remote delivery, including specialized therapies, assessments and transitions.
 - Prioritize student-teacher contact time regardless of the delivery format.
 - Teachers will use their professional discretion to determine the appropriate assessment practices within the current context.



Safety Data Sheet

February 2, 2015

Vital Oxide Disinfectant

Section 1: Product and Company Identification

Product Name	Vital Oxide	Aqueous Oxidant
SDS No.	VO020215	
Manufacturer/Distributor	Vital Solutions, LLC PO Box 9932 West Palm Beach, FL 33419	Vital Oxide Canada 130 Industrial Ave. Carleton Place, ON K7C 3T2
Phone Numbers		
Medical Emergency	(800) 222-1222	

H	0	
F	0	
R	0	
PE	--	

Section 2: Hazards Identification

Emergency Overview: Colorless liquid with mild fresh odor. Avoid contact with eyes. Keep out of reach of children.

GHS Classification: This material is not considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Potential Health Effects

Eye Contact: Eye contact may cause mild eye irritation with discomfort.

Skin Contact: Does NOT cause skin irritation and the product is NOT skin sensitizer.

Inhalation: Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors and allow adequate time for the vapors to disperse before re-entering the restricted area.

Ingestion: Non-Toxic **Carcinogenicity Information:** IARC, NTP, OSHA, and ACGIH list none of the components present in this material at concentrations equal to or greater than 0.1% as carcinogens.

Section 3: Composition / Information on Ingredients

Ingredients	CAS Number	Wt %
Oxychlorine Compounds	Mixture	0.200
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.125
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	0.125
Inert Ingredients	Mixture	99.55

At these concentrations none of the ingredients are known to pose any hazards to human health.

Section 4: First Aid Measures

Inhalation

Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

Skin Contact

Does NOT cause skin irritation.

Eye Contact

In case of contact, flush eyes with plenty of water.

Ingestion

Non-toxic. Give a glass of water.

Section 5: Fire Fighting Measures

Flammable Properties: Flash Point: Not Available (Non Flammable)

Flammable Limits: Lower Flammable Limit: Not Established

Burn Rate: Unknown

Upper Flammable Limit: Not Established

Flammability Classification: Non-Flammable liquid **Auto ignition Temperature:** Not Established

Hazardous Combustion Products: Thermal or other decomposition may yield chlorine dioxide or chlorine.

Extinguishing Media: N/A (Non-Flammable liquid) **Additional Considerations:** None

FIRE FIGHTING INSTRUCTIONS: Non-Flammable liquid

NFPA Rating: **Health:** 1 **Flammability:** 0 **Reactivity:** 0 **PPE:** None

Section 6: Accidental Release Measures

Spill Clean Up

No special cleanup measures are required for the consumer product. To avoid the possibility of "bleaching" the spill should be absorbed with paper towels, and the area rinsed with clean water.

Accidental Release Measures

Spills are slippery and should be cleaned up promptly.

Section 7: Handling and Storage

Handling: Keep away from heat and strong acids. Do not ingest. Keep container closed. Use only with adequate ventilation.

Storage: Keep container tightly closed and sealed until ready for use. Keep container in a well-ventilated place. Do not store above 120°F or near fire or open flame. Store large quantities in buildings to comply with OSHA 1910.106. Do not transfer contents to bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

Incompatible materials: Strong acids

Special Packaging Materials: None

Section 8: Exposure Control/ Personal Protection

Engineering Controls: Use in adequately ventilated areas.

Personal Protective Equipment:

Eye/Face Protection: Not required for consumer product.

Skin Protection: Not required for consumer product.

Respirators: None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, Avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

Exposure Limits:

Oxychlorine Compounds: n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride:

PEL (OSHA): Not available	PEL (OSHA):	Not available
TLV (ACGIH): Not available	TLV (ACGIH):	Not available

n-Alkyl Dimethyl Benzyl Ammonium Chloride:

PEL (OSHA): Not available
TLV (ACGIH): Not available

Section 9: Physical and Chemical Properties

Appearance:	Colorless liquid	Odor:	Mild-Fresh
Physical State:	Liquid	pH:	8 - 9
Boiling Point (°F):	212	Solubility in Water:	100%
Freezing Point (°F):	32	Vapor Pressure (mm Hg):	Not Available
Volatile Organic Compounds (VOC):	None	Evaporation Rate:	Less than Ether
Specific Gravity:	1.003 @ 68°F (20°C)	Density (lb/gal):	8.40 @ 68°F (20°C)

Section 10: Stability and Reactivity

Chemical Stability: The product is stable.

Incompatibility with other Materials: Strong acids

Conditions to avoid: Contact with strong acids

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal or other decomposition may yield chlorine dioxide or chlorine.

Section 11: Toxicological Information

TOXICITY TESTING – ACUTE Inhalation – Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of Vital Oxide at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations. **Eye Contact** – Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed, but cleared within 24 hours. **Skin Contact** – Study of dermal toxicity in New Zealand white rabbits showed the product to be non- toxic: Dermal LD₅₀> 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, Vital Oxide was determined not to be a sensitizer. **Swallowing** - Acute oral toxicity in albino rats: Non-toxic LD₅₀>5,000 mg/kg of body weight.

EPA TOXICITY RATING – IV This is the lowest category on the scale and is designed for substances that are the least hazardous.

Section 12: Ecological Information

Environmental Hazards: Not data available.

Environmental Fate: Not data available.

Section 13: Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

Section 14: Transport Information

Shipping Information: Not regulated by DOT, IMO/IMDG and IATA/ICAO for ground, air or ocean shipments.

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA: All components appear in TSCA Inventory

OSHA: Refer to Section 8 for exposure limits.

CERCLA SARA Hazard Category:

Section 311 and 312: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Information not available.

Section 313: This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None

State regulations: State Right to Know information is not provided. **California prop. 65 (no significant risk level):** None

International Regulations:

Canadian WHMIS: Not controlled

Canadian Environmental Protection Act (CEPA): Additional information available upon request.

EU Regulations: Additional information available upon request.

Section 16: Other Information

HMIS Rating:

Health: 0

Flammability: 0

Reactivity: 0

PPE: None

The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Vital Solutions, LLC. The Data on this sheet related only to the specific material designed herein. Vital Solutions, LLC assumes no legal responsibility for the use or reliance on this data.

End of SDS