ENVIRONMENTAL CLEANING, HYGIENE & DISINFECTING PROCEDURE

for the

Waterford Elementary School
1106 Old White Horse Pike
Waterford NJ 08089

for

Waterford Township Board of Education
1106 Old White Horse Pike
Waterford, NJ 08089

Prepared by

TTI Environmental, Inc.
1253 North Church Street
Moorestown, New Jersey 08057

September 2020

Updated September 2022

Program Contents

WATERFORD BOE			
Program Name	Environmental Cleaning Hygiene & Disinfecting Procedure		
School Building	Waterford Elementary School		
Date Created	August 2020	**Latest Revision**	September 2022
Program Coordinator	James Weaver, Buildings & Ground Supervisor		
Secondary Coordinator	Tiffany Jackson Head/Lead Custodian		

1.0 PURPOSE

To help identify the tasks, the responsibility and the requirements to promote best practices in cleaning & disinfecting of school surfaces. To provide clarity to employees, teachers and the public of what is to be included in the Environmental Cleaning Hygiene & Disinfecting Procedure. The purpose of this plan is to efficiently and effectively remove and reduce dirt and its viable organic compound to support living cells/viruses from every day touchable surfaces.

2.0 SCOPE

To document departments in charge, personnel roles/responsibilities, team meeting/training, actions, inspection, reporting and consultation. Identify responsible staff, cleaning procedures, PPE, equipment, chemicals, training, frequency, timing and common building components and contents at each facility.

3.0 DEPARTMENT & PERSONNEL

Coordinators

The Buildings & Grounds Department is responsible for this program and the Program Coordinator is:

Mr. James Weaver, CEFM
Buildings & Grounds Supervisor
856-304-1010
jweaver@wtsd.org

Secondary Coordinators
Ms. Tiffany Jackson
Head/Lead Custodian
Phone 856-418-9572
tjackson@wtsd.org

The responsibilities of the coordinators are to lead the efforts to develop, document, and drive the activities around creating and managing this SOP. Responsibilities should include the following:

- Communicating with Team Members, Vendors & Public
- Coordinate SOP problem resolution with the various groups who are a part of the SOP process.
- Ensure that the process to create and approve SOP's is followed.
- Provide training and guidance on the SOP process to personnel who utilize the SOP Application.
- Support and drive the continuous improvement of the SOP process
- Assessing the nature and extent of all emergencies.

- Assuming control of all emergency actions.
- Determining when a professional contractor is required.
- Assigning tasks to personnel to carry out specific actions.
- Evaluating relocation and closure in the case of infection
- Ordering evacuation if deemed necessary.
- Taking any other action necessary to protect life.
- Annually reviewing this plan and revising it as necessary.
- Coordinating plan related training.
- Instructing personnel of their duties under this Plan.

Cleaning Staff

The school designated cleaning staff are all employees of the district. Cleaning staff shall be provided appropriate training, equipment, chemicals and PPE to perform their duties.

4.0 TEAM MEETINGS

The Coordinators and Cleaning staff will meet to discuss positives/negatives of the cleaning program to make improvements. Changes to the program must be communicated and recorded under this procedure. This standard operational program will be updated at least annually to reflect changes in policies, procedures, responsibilities, and contact information.

Meeting discussions should include:

- Problem issues are discussed to resolve and improve the program.
- Solutions/Corrections are suggested, and an action plan is implemented.
- Changes are updated and reauthorized/posted.
- Responsibilities were refined/changed/assigned.
- Audits are reviewed and discussed to improve efficiency/effectiveness.

5.0 TRAINING

Waterford Public Schools will provide training for all custodial employees with regards to these plans. This training will include but not be limited to:

a) Each employee's job description, role & responsibility
b) Chemical awareness and RTK information
c) Review PPE equipment and proper use
d) Review of area and its related items and methods.
e) Review of process and methods to clean certain objects and building components.
f) Review reportable responsibilities and record keeping
g) Identification of high-risk situations

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This training is conducted:

a) When employee is assigned initially to job;
b) When an employee's responsibilities under the plan change
c) The plan and or methods/chemicals have changed.
d) Yearly refreshers and or during audits to improve technique.

Documentation of the training is to be recorded and saved. Appendix A

6.0 ACTIONS

The building will be inspected to determine the list of touchable building components and common contents utilized on a daily basis. Cleaning of typical items will be detailed in the Process Cleaning List as to frequency, methods, tools & selected chemicals. Appendix B - Facility Component & Content Process Cleaning List

Training will be provided and include the review of each typical area and its related components and methods.

A review of the systematic cleaning approach/methods will be reviewed to reduce cross contamination, exposure and residuals.

The coordinators should review new guidance document updates and best practices from but not limited to (CDC, USDOE, OSHA, PEOSH, NJDOE & NJDOH)

7.0 PROGRAM AUDITS/ INSPECTION

Audit compliance with this program on an ongoing basis and any deficiencies should be reported to the Program Coordinator. Annually, the Program Coordinator or his/her designee conducts a formal audit. This audit includes a review and update of all elements described in this program.

The Program Coordinator shall arrange for and or conduct cleaning efficacy audit to ensure the cleaning program means and methods are achieving the desired cleanliness. Record of the audit and improvements will be documented in this procedure in Appendix C. The cleaning efficacy audit can include one or more of the following methods:

- Direct Practice Visual Observation
- Placement of Fluorescent Markers
- ATP Bioluminescence Swab
- PCR Analysis

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8.0 REPORTING

This program includes requirements for documenting training, audits, chemical selection review and updating this program. Documentation should include details to improve this program.

- Training documentation must include initial and refresher.
- Chemical selection review
- Cleaning efficacy audit
- Annual reauthorization of this program

9.0 PPE

The purpose of personal protective clothing and equipment is to shield or isolate individuals from the chemical, physical, and biological hazards associated with handling chemicals. No single combination of protective equipment and clothing is capable of protecting against all hazards. The PPE requirements of the chemicals that have been chosen must be followed.

Consider the following:

- The use of PPE can itself create significant worker hazards, such as heat stress, physical and psychological stress, and impaired vision, mobility, and communication.
- Equipment and clothing that provide an adequate level of protection shall be used.
- Overprotection, as well as under protection, should be avoided where possible.

Skin Protection – the following PPE is recommended to minimize dermal exposure to chemicals:

- Hands: nitrile gloves
- Feet: safety boots
- Eye Protection – at minimum, safety glasses must be worn. If a splash hazard to the eyes is present, chemical goggles or a face shield with chemical goggles shall be used.

10.0 EQUIPMENT

The Program Coordinators shall supply all the necessary tools and cleaning equipment required to perform the objectives of this program. Selection, use, maintenance, and replacement of equipment and chemicals supplies will be overseen by the Program Coordinators. Training/overview shall be provided for any new and or different equipment prior to use. Waterford employees shall ensure that the provided equipment is in good working order and that any defective/damaged equipment be reported to their supervisor and not used.

All equipment shall be used, stored, and maintained as per the manufacture's recommendations. No modification of tools beyond the manufactures design is allowed.

Additionally, employees shall utilize the appropriate guards, PPE, and switches, where applicable.

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11.0 CHEMICALS

Cleaning & Disinfectant chemicals shall be evaluated to determine its safety, effectiveness, surface reactions, residuals, application and equipment use. Any new chemical must be evaluated prior to use. The PPE requirements for each chemical must be clear and communicated prior to use. Cleaning chemicals will be for the purpose of removing and or reducing the dirt level/concentration and the disinfectant chemical will be applied to the cleaned surfaces. The disinfectant chemical must be listed on the EPA List N: Disinfectants for Use Against SARS-CoV-2 (COVID-19).

Ensure your facility remains compliant with all requirements associated with the use of chemicals under this procedure. Priority should be given to the use of safer chemical alternatives if and when available. All hazards associated with new chemicals have been identified and properly evaluated prior to being brought on-site.

12.0 FREQUENCY

The frequency of cleaning and disinfect application for normal and or exposure events is outlined. Regular end of day, during the day, deep cleaning and exposure event cleaning are discussed below.

- Regular end of day cleaning & disinfect application occurs Monday – Friday
- Occupied during the day cleaning & disinfect application occurs Monday – Friday between periods and breaks
- Deep cleaning occurs twice a year during unoccupied breaks.
- Exposure event deep cleaning will occur if someone tests positive and a specific area is determined.

13.0 BUILDING COMPONENTS & CONTENTS

A list of typical building components and contents to be addresses in this school is summarized in Appendix B. This list is to be generated by the performance of a walk thru of the facility and should be updated as changes are made to the space.

In general, the frequently touched surfaces and objects such as:

Door knobs and handles, Stair rails, Classroom desks and chairs, Lunchroom tables and chairs, Countertops, Handrails, Light switches, Handles on equipment (e.g., athletic equipment), Push-buttons on vending machines and elevators, Shared toys, Shared remote controls, Shared telephones, Shared desktops, and Shared computer keyboards and mice.

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14.0 REVISIONS/UPDATES

Revision Number	Date of Last Revision	Reviewer	Revision
1	Sept. 2022	TP/JW	Update names and contact information

Attachment A - Training Documents

Training for the Victory Electrostatic Back Sprayer VP300ES and The Victory Electrostatic Handheld Sprayer VP200ESK with initial training by Terry Chant (Home Depot Pro Supplier) on 8/10/2020.

	Name/Signature	Date
1	James Weaver	8/10/2020
2.	Linda Boehm	8/10/2020
3.	Paul Hess	8/10/2020
4.		8/10/2020
5.		8/10/20
6.		8/10/20
7.		8/20/20
8.		8-10-20
9.	Douglas Baker	8/10/20
10.	Janice E. Cirino	9/8/2020
11.	Kathleen Dammann	9/8/20

Sign-In Sheet TTI Reopening

Training Conducted on 8/12/2020 at 8:00 aM Thomas Richards.
by TiM Popp

1. James Weaver
2. Doug Baker
3. Linda [illegible]
4. Jeff [illegible]
5. [illegible]
6. Michael Falzgrano
7. Michael Cant Sr.
8. [illegible]
9.
10.

Attachment B - Facility Component & Content Cleaning List

School Name:_____ **COMMENTS:**

Custodian Name:_____

Week Of:_____/_____/_____

Supervisor Sign Off_____

Monday	Tuesday	Wednesday	Thursday	Friday	**WATERFORD TOWNSHIP SCHOOL DISTRICT**
DAILY ROUTINE CLEANING- Classrooms/Offices					
					Did you clean table tops and whiteboards with Sanityze?
					Did you spot clean windows and Plexiglas with Glance RTU?
					Did you clean pencil marks and graffiti?
					Did you clean non porous surfaces?
					Did you mop/vacuum the floors?
					Did you empty all trash and recyclables and replace liner?
					Did you refill the sanitizer dispenser if needed?
					Did you disinfect touch points with Alpha-HP or Oxivir Tb?
					Did you disinfect the room with the Electrostatic Sprayer?
Classroom Disinfecting High Touch Points: Door Knobs; TOWEL DISPENSERS; Light Switches; Table Tops; Chairs					
DAILY ROUTINE CLEANING- Hallways/Lobby/Entrance					
					Did you dust mop hallways?
					Did you vacuum entrance mats?
					Did you refill the hand sanitizer dispenser if needed?
					Did you clean glass and mirrors with Glance?
					Did you mop hallway floors?
					Did you disinfect touch points with Alpha-HP or Oxivir Tb?
					Did you disinfect the room with the Electrostatic Sprayer?
Hallway Disinfecting High Touch Points: Door Knobs; Hand Rails; Light Switches; Sanitizer Station; Water Fountains					
DAILY ROUTINE CLEANING- Restrooms/Locker Rooms					
					Did you clean sinks, toilets and all restroom areas?
					Did you clean glass and mirrors with Glance RTU?
					Did you refill hand soap dispenser if needed?
					Did you disinfect touch points with Alpha-HP or Oxivir Tb?
					Did you disinfect the room with the Electrostatic Sprayer?
Restroom Disinfecting High Touch Points: Door Knobs; Sinks; Toilets; Door Partitions; Floors/Walls					

- ALPHA –HP is to be used when using the Electrostatic Sprayers

School Name:_____ **COMMENTS:**

Custodian Name:_____

Week Of:_____/_____/_____

Supervisor Sign Off_____

Monday	Tuesday	Wednesday	Thursday	Friday	**WATERFORD TOWNSHIP SCHOOL DISTRICT**
2 HOUR HIGH TOUCH POINT DISINFECTING - Classrooms/Offices					
					Did you disinfect **DOORKNOBS** with Oxivar Tb?
					Did you disinfect the **WATER COOLER** touchpoints?
					Did you disinfect Manual **LIGHT SWITCHES** with Oxivar Tb?
					Did you disinfect **COPIERS/APPLIANCES** with Oxivar Tb?
					Did you disinfect the **VENDING MACHINES** with Oxivar Tb?
Classroom/Offices Disinfecting High Touch Points: Door Knobs; Water Cooler; Light Switches; COPIERS/APPLIANCES; Vending Machines					
2 HOUR HIGH TOUCH POINT DISINFECTING - Hallways/Lobby/Entrance					
					Did you disinfect **DOORKNOBS** with Oxivar Tb?
					Did you disinfect **HANDRAILS** if any with Oxivar Tb?
					Did you disinfect Manual **LIGHT SWITCHES** with Oxivar Tb?
					Did you disinfect the **RED BOX** with Oxivar Tb?
					Did you disinfect **BOTTLE FILLERS** with Oxivar Tb?
Hallways/Lobby/Entrances: Door Knobs; Hand Rails; Light Switches; RED BOX; Bottle Fillers					
2 HOUR HIGH TOUCH POINT DISINFECTING - Restrooms					
					Did you disinfect all **DOOR KNOBS** with Oxivar Tb?
					Did you disinfect all **SINKS** with Oxivar Tb?
					Did you disinfect **TOILETS** with Oxivar Tb?
					Did you disinfect **DOOR PARTITIONS** with Oxivar Tb?
					Did you disinfect **TOWEL DISPENSERS** with Oxivir Tb?
Restroom Disinfecting High Touch Points: Door Knobs; Sinks; Toilets; Door Partitions; TOWEL DISPENSERS					

PLEASE NOTE: ALL HIGH TOUCH POINT DISINFECTING SHOULD BE DONE EVERY **2** HOURS AND WILL CONSIST OF WIPING DOWN THE TOUCHPOINT WITH OXIVAR Tb AND A MICROFIBER CLOTH AND REPEATING 5 MINUTES LATER TO ACHIEVE THE REQUIRED DWELL TIME.

Cleaning and Disinfecting Schedules

Atco Elementary School
Assumption School
Thomas Richards Early Childhood Center
Waterford Elementary School

Bathrooms will be cleaned and disinfected every 2 hours. Classrooms will be cleaned when the children have left for the day and will include mopping the floors and wiping down everything and paying extra attention to all common touch points. Upon leaving the room the custodian will utilize an electrostatic backpack sprayer and will fully spray the classroom with a disinfectant. Once the spraying is complete the door will be closed to allow the disinfectant to achieve it's proper dwell time to disinfect the room.

Targeted Areas to be Cleaned

Waterford Township School District Enhanced Cleaning will include frequent cleaning of Common Touch Points such as:

- Doorknobs
- Light switches
- Classroom sink handles
- Counter tops
- Classroom desks, chairs and tables
- Lunchroom tables and chairs/benches
- Door handles and push plates
- Handrails
- Kitchens and bathrooms
- Handles on equipment
- Buttons on soda vending machines
- Shared telephones, desktops, computer keyboards and mice
- Water fountains
- School bus seats/windows (Responsibility of the bus company)

Methods and Materials Used

Waterford Township School District will be utilizing new items which we just received which will assist us in our enhanced cleaning methods.
Our enhanced cleaning methods will include cleaning the restrooms and water fountains every 2 hours and wiping down all common touch surfaces. Also when all rooms are fully cleaned they will be fully disinfected and closed up for the night.

We are utilizing both the Victory Electrostatic Backpack Sprayer VP300ES and The Victory Electrostatic Handheld Sprayer VP200ESK.

The disinfectant we will be using for the Victory Sprayers is from Diversey and is called Alpha-HP J Fill. It is an all-in-one multipurpose cleaner based on proprietary Accelerated Hydrogen Peroxide (AHP) technology. It cleans and brightens surfaces safely and easily. It can be used on walls, countertops and most other water washable hard surfaces. It is an EPA registered hospital grade disinfectant-bacterial and virucidal.

Other products we will use are:

Crew Restroom Floor & Surface SC Non-Acid Disinfectant Cleaner EPA Reg No. 1839-167-70627

NABC Non-Acid Disinfectant Bathroom Cleaner EPA Reg No. 5741-18

Diversey Oxivir Tb General Virucide, Bactericide, Tuberculocide, Fungicide Sanitizer EPA Reg No. 70627-56

Virextb can both be used in sprayers as well
Cafeteria tables should be J5 12 (10) minutes contact time

Since students will be eating in the classrooms instead of the cafeterias we will be using a product called Sani-Tyze which is a Food Contact Surface Sanitizer to clean and wipe down their desks with. EPA Reg No. 10324-107-5741

All rooms will have at the minimum a 16 oz Pump Bottle of Safety First Hand Sanitizer (Ethyl Alcohol 70%). We are ordering gallon size bottles as well and will use them in common areas along with our other sanitizer stations.

TTI ENVIRONMENTAL, INC.
Consulting & Contracting

1253 North Church Street, Moorestown, NJ 08057
www.ttienv.com o 856-840-8800 f 856-840-8815

August 27, 2020

Mr. James Weaver
Waterford Township Board of Education
1106 Old White Horse Pike
Waterford, NJ 08089

Reference: Disinfecting Chemicals Review
TTI Project No. 20-919

Dear Mr. Weaver:

The Waterford Township BOE has selected several chemicals to be utilized in their school buildings for the purposes of applying a disinfectant to surfaces. TTI was contracted to assist the district in evaluating these chemicals. The chemicals proposed to be used include the following and all have been approved by the US EPA (List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2):

Name: Alpha-HP
Manufacturer: Diversey
Typical Use: Multi-Surface Cleaner
Chemical on EPA List N: Hydrogen peroxide

Name: Oxivir Tb General Virucide, Bactericide, Tuberculocide, Fungicide Sanitizer
Manufacturer: Diversey
Typical Use: Surfaces Disinfectant
Chemical on EPA List N: Hydrogen peroxide

Training on the proper use, dwell time and PPE is recommended prior to use. A copy of the Safety Data Sheet (SDS) and a copy of the active chemical approved by the US EPA is provided.

We appreciate the opportunity for allowing TTI to provide you with professional services. If you have any questions, please feel free to contact us at any time.

Respectfully submitted,
TTI ENVIRONMENTAL, INC.

Timothy Popp
Vice President of Consulting

List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2
Date Accessed: 08/27/2020

EPA Registration Number	Active Ingredient(s)	Product Name	Company	Contact Time (in minutes)	Formulation Type	Surface Types	Use Sites	Why is this product on List N?	To kill SARS-CoV-2 (COVID-19), follow disinfection directions for the following pathogen(s)	Date Added to List N
70627-62	Hydrogen peroxide	Phato 1:64 Disinfectant Cleaner	Diversey Inc	5	Dilutable	Hard Nonporous (HN)	Healthcare; Institutional	Kills a harder-to-kill pathogen than SARS-CoV-2 (COVID-19); Emerging viral pathogen claim	Feline calicivirus	05/21/2020

Alpha-HP®
Multi-Surface Cleaner

Revision: 2020-05-22 **Version:** 02.0

1. IDENTIFICATION

Product name: Alpha-HP®
Multi-Surface Cleaner
Product Code: 3350727, 3350743, 3401512
SDS #: MS0800296
Recommended use:
- Industrial/Institutional
- Cleaner
- This product is intended to be diluted prior to use

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

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
1300 Altura Rd., Suite 125
Fort Mill, SC 29708
Phone: 1-888-352-2249
SDS Internet Address: https://sds.diversey.com

Canadian Headquarters
Diversey Canada, Inc.
6150 Kennedy Road Unit 3
Mississauga, Ontario L5T 2J4
Phone: 1-800-668-7171

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

2. HAZARDS IDENTIFICATION

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

Hazard Statements
None required.
Precautionary Statements

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

Classification for the diluted product @ 1:64
This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard and Precautionary Statements
None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

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

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.
Skin: No specific first aid measures are required.
Inhalation: No specific first aid measures are required.
Ingestion: Rinse mouth with water.

Most Important Symptoms/Effects: No information available.
Immediate medical attention and special treatment needed Not applicable.
Aggravated Medical Conditions: None known.

Diluted Product:

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

5. FIRE-FIGHTING MEASURES

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

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling: Can react to release hazardous gases. Mix only with water. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, SOURS, RUST REMOVERS, OR ANY OTHER CHEMICAL. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Keep tightly closed in a dry, cool and well-ventilated place.
Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: .

Ingredient(s)	CAS #	ACGIH	OSHA
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m³ (TWA)

Undiluted Product:

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

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

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

Diluted Product:

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

Personal Protective Equipment

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
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: 1.013 Kg/L
Bulk density: No information available
Flash point (°F): > 200 °F > 93 °C
Viscosity: 0
VOC: 7.9 % *
Flammability (Solid or Gas): Not applicable
Sustained combustion: Not applicable
Explosion limits: - upper: Not determined **- lower:** Not determined

Color: Clear, Clear
Odor: Citrus
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Relative Density (relative to water): 1.013
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: < 2
Corrosion to metals: Not corrosive to metals

Dilution pH:
≈ 2.5
Dilution Flash Point (°F): > 200 °F > 93.4 °C
VOC % by wt. at use dilution: 0.1 %

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
Skin contact: Unlikely to be irritant in normal use.
Eye contact: May be mildly irritating to eyes.
Ingestion: No information available.
Inhalation: No information available.
Sensitization: No known effects.
Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

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

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

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

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

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

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

RIGHT TO KNOW (RTK)

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

CERCLA/ SARA

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

16. OTHER INFORMATION

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

Health 0
Flammability 0
Instability 0
Special Hazards -

Diluted Product:

Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2020-05-22
Version: 02.0

Reason for revision:	Not applicable
Prepared by:	North American Regulatory Affairs
Additional advice:	• Contains an added fragrance, see "Odor" heading in section 9 for specific description • When used through dispensing/autodose equipment, this product meets Green Seal's requirements for skin and eye irritation and acute toxicity at the as-used dilution • This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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

List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2
Date Accessed: 08/27/2020

EPA Registration Number	Active Ingredient(s)	Product Name	Company	Contact Time (in minutes)	Formulation Type	Surface Types	Use Sites	Why is this product on List N?	To kill SARS-CoV-2 (COVID-19), follow disinfection directions for the following pathogen(s)	Date Added to List N
70627-56	Hydrogen peroxide	Oxivir™ Tb	Diversey Inc	1	Ready-to-use	Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)	Healthcare; Institutional	Kills a harder-to-kill pathogen than SARS-CoV-2 (COVID-19); Emerging viral pathogen claim	Norovirus; Rhinovirus; Poliovirus Type 1	03/03/2020

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

Revision: 2020-06-19 **Version:** 03.1

Product name: Oxivir Tb (US)
General Virucide, Bactericide, Tuberculocide, Fungicide, Sanitizer
Product Code: 100898636, 100985179, 4277285
SDS #: MS0800255
Recommended use:
- Industrial/Institutional
- Disinfectant / Deodorizer / Sanitizer
- This product is intended to be used neat.

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

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
1300 Altura Rd., Suite 125
Fort Mill, SC 29708
Phone: 1-888-352-2249
SDS Internet Address: https://sds.diversey.com

Canadian Headquarters
Diversey Canada, Inc.
6150 Kennedy Road Unit 3
Mississauga, Ontario L5T 2J4
Phone: 1-800-668-7171

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

2. HAZARDS IDENTIFICATION

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

Hazard Statements
None required.
Precautionary Statements
None required.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Benzyl alcohol	100-51-6	1 - 5%
Hydrogen peroxide	7722-84-1	> 0.1 - < 1%
Dodecylbenzene sulfonic acid	68584-22-5	> 0.1 - < 1%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.
Skin: No specific first aid measures are required.
Inhalation: No specific first aid measures are required.
Ingestion: Rinse mouth with water.

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

5. FIRE-FIGHTING MEASURES

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

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Keep tightly closed in a dry, cool and well-ventilated place.
Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: .

Ingredient(s)	CAS #	ACGIH	OSHA
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m³ (TWA)

Undiluted Product:

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

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

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No special requirements under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available.

Color: Clear Clear
Odor: Characteristic Surfactant
Boiling point/range: Not determined

Melting point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 1.01 Kg/L
Bulk density: No information available
Flash point (°F): > 93 °C
Viscosity: 1
VOC: 0 % *
Flammability (Solid or Gas): Not applicable
Sustained combustion: Not applicable
Explosion limits: - upper: Not determined **- lower:** Not determined ≈ 3

Decomposition temperature: Not determined
Solubility: Completely Soluble
Relative Density (relative to water): 1.01
Vapor density: No information available
Vapor pressure: No information available.
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0.12 % by wt.
pH: ≈ 3
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

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

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

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

Numerical measures of toxicity

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

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

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

Pesticide Storage:
Refer to product label.

Pesticide Disposal:
Refer to product label.

Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): Not Regulated.

14. TRANSPORT INFORMATION

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

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

U.S. Regulations
EPA Reg. No. : 70627-56
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

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

CERCLA/ SARA

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

Canadian Regulations

16. OTHER INFORMATION

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

Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2020-06-19
Version: 03.1

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: • Does not contain an added fragrance

Attachment C - Inspection & Audit Reports

WEEKLY AUDIT/INSPECTIONS FOR ENHANCED CLEANING

Week Of:_____/_____/_____

Supervisor Sign Off_____

Atco	Assumption	Thomas Richards	Waterford Elementary	Board Offices	**WATERFORD TOWNSHIP SCHOOL DISTRICT**
DAILY ROUTINE CLEANING- Classrooms/Offices					
					Were table tops and whiteboards cleaned?
					Were windows and Plexiglas cleaned?
					Were pencil marks and graffiti removed/cleaned?
					Were non porous surfaces cleaned?
					Were floors mopped/vacuumed?
					Were trash and recyclables emptied and liner replaced?
					Were the sanitizer dispensers replenished if needed?
					Were touch points disinfected every 2 hours w/ Oxivir Tb?
					Were the rooms disinfected with an Electrostatic Sprayer?
Classroom Disinfecting High Touch Points: Door Knobs; TOWEL DISPENSERS; Light Switches; Table Tops; Chairs					
DAILY ROUTINE CLEANING- Hallways/Lobby/Entrance					
					Were the hallways dust mopped?
					Were the entrance mats vacuumed?
					Were the hand sanitizers refilled if needed?
					Were hallway/lobby/entrance floors mopped?
					Were touch points disinfected every 2 hours w/ Oxivir Tb?
					Were the areas disinfected with an Electrostatic Sprayer?
Hallway Disinfecting High Touch Points: Door Knobs; Hand Rails; Light Switches; Sanitizer Station; Water Fountains					
DAILY ROUTINE CLEANING- Restrooms/Locker Rooms					
					Were sinks, toilets and all restroom areas clean?
					Was all glass and mirrors clean?
					Were soap dispensers refilled if needed?
					Were touch points disinfected every 2 hours w/ Oxivir Tb?
					Were the rooms disinfected with an Electrostatic Sprayer?
Restroom Disinfecting High Touch Points: Door Knobs; Sinks; Toilets; Door Partitions; Floors/Walls					