



2019 Novel Coronavirus Clean Up Guidelines (Vital Oxide® Specific)

<u>EQUIPMENT & OPERATING SUPPLIES</u>	<u>CHEMICALS</u>	<u>PPE</u>
<ul style="list-style-type: none">• Paper towels / Disposable cloths• Scrub brushes / Cleaning sponges• Sprayers – Trigger, Pressure, or ULV Mister• Trash bags• Duct tape for sealing waste bags• Mops and buckets• Portable carpet extractor<ul style="list-style-type: none">○ <i>if needed, for cleaning carpets and upholstery</i>	<ul style="list-style-type: none">• VITAL OXIDE® <p><i>See Vital Oxide EPA-approved product labels for additional information on use and application methods</i></p> <p>Refer to SDS prior to use</p>	<ul style="list-style-type: none">• Goggles• Rubber gloves• Rubber Boots• N-95 mask• Cleaning Gown/Tyvek Suit <p>PPE SHOULD BE WORN AT ALL TIMES</p>

2019 NOVEL CORONAVIRUS (nCoV)

This is a guideline for using Vital Oxide® in the cleaning and disinfecting of 2019 Novel Coronavirus (nCoV) contamination in commercial, institutional, and home environments. This guide may be superseded by local regulations.

Vital Oxide has demonstrated effectiveness against viruses similar to 2019-nCoV on hard non-porous surfaces. Therefore, this product can be used against 2019-nCoV when used in accordance with the directions for use against Norovirus Feline Calicivirus** and Canine Parvovirus, Strain Cornell-780916, ATCC VR-2016** on hard, non-porous surfaces. Refer to the CDC website at <https://www.cdc.gov/coronavirus/2019-nCoV/> for additional information.

Vital Oxide currently has an EPA approved claim for Feline coronavirus (Strain WSU 79-1683, ATCC VR 989**) and Canine coronavirus (Strain 1-71, ATCC VR-809**).

ABOUT 2019 NOVEL CORONAVIRUS (nCoV)

A coronavirus is a kind of common virus that causes an infection in your nose, sinuses, or upper throat. Most coronaviruses infect animals, not people. However, rarely, these viruses can evolve to infect humans and spread from person to person.

Most coronaviruses are not dangerous, causing only upper respiratory infection symptoms like a stuffy nose, cough, and sore throat. However, if a coronavirus infection spreads to the lower respiratory tract (the windpipe and lungs), it can cause pneumonia and be life threatening, especially in older people and people with weakened immune systems.

There are some very serious types of coronaviruses, such as the SARS-associated coronavirus (SARS-CoV) and MERS-associated coronavirus (MERS-CoV). In early January 2020, the World Health Organization (WHO) identified a new serious type of coronavirus—the 2019 Novel Coronavirus (2019-nCoV).

IMPORTANT INFORMATION

- Vital Oxide® disinfectant contains active ingredients that are EPA-registered to kill nCoV organisms.
- nCoV contamination requires thorough cleaning and disinfection of surfaces and materials within the affected area.
- Be sure to pay special attention to common use areas where nCoV can be easily spread through direct contact with others and cross contamination may occur.

NOTE: Vital Oxide® can be applied to surfaces with saturated towels or sponges, as well as by spraying or misting with a mechanical device, such as a trigger sprayer, pressure sprayer or ULV misting device. Only hard non-porous surfaces can be disinfected. Be sure to pay special attention to touch point areas. Porous surfaces such as carpeting can be sanitized per the labeled instructions.

INSTRUCTIONS FOR DISINFECTION ON HARD NON-POROUS SURFACES

PRE-CLEANING

- Apply Vital Oxide® to remove any bacterial biofilm, soil, and debris from surfaces.
- Wipe with clean towel or sponge.

DISINFECTION

- Completely wet pre-cleaned surfaces with Vital Oxide® and allow to remain wet for 10 minutes to kill nCoV.
- Thoroughly clean affected areas.
- Disinfect area and objects surrounding the contamination with Vital Oxide®.

When removing PPE and other soiled materials, do not allow the outer surfaces of PPE and other soiled material to contact bare skin. Wash hands for at least 20 seconds after exiting a potentially contaminated area. See disposal instructions below.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATIONS AGAINST SURFACES OR OBJECTS SOILED WITH BLOOD/BODILY FLUIDS

- Blood and other bodily fluids must be thoroughly cleaned from surfaces and objects before application of this product.
- When handling items soiled with blood or bodily fluids use disposable latex gloves, gowns, masks, and eye coverings.
- Allow surfaces to remain wet for 10 minutes for virus inactivation.

DISINFECTION OF EQUIPMENT, TOOLS & PERSONAL PROTECTIVE EQUIPMENT (PPE)

All tools, equipment and individual personal protective equipment used in the cleanup of nCoV contaminated areas should be cleaned and disinfected using Vital Oxide® prior to removal from the contaminated area.

DISPOSAL OF INFECTIOUS MATERIALS

PPE and other soiled cleaning materials, such as paper towels, cloths, sponges and mop heads, should be placed in trash bags, sealed with duct tape, and discarded in the regular trash. Vital Oxide® products can be disposed of by pouring the liquid down the regular drain and discarding the empty container in the regular trash. Follow local regulations.

Blood and other body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

REFERENCES

- Interim Guidance for Preventing 2019 Novel Coronavirus (2019-nCoV) from Spreading to Others in Homes and Communities (<https://www.cdc.gov/coronavirus/2019-ncov/guidance-prevent-spread.html>)
- Infection Prevention and Control During Health Care When Novel Coronavirus (nCoV) Infection is Suspected ([https://www.who.int/publications-detail/infection-prevention-and-control-during-health-care-when-novel-coronavirus-\(ncov\)-infection-is-suspected](https://www.who.int/publications-detail/infection-prevention-and-control-during-health-care-when-novel-coronavirus-(ncov)-infection-is-suspected))
- Update and Interim Guidance on Outbreak of 2019 Novel Coronavirus (2019-nCoV) in Wuhan, China (<https://emergency.cdc.gov/han/han00426.asp>)