

 **Healthy School Care**



A Deep Clean That *Keeps Cleaning*  
For Healthier School Environments

-  **DISINFECT SURFACES** WITH A SAFE, HOSPITAL GRADE CLEANER
-  **PURIFY THE AIR** WITH A LIGHT ACTIVATED WINDOW TREATMENT

**Did you know that indoor air is typically five to ten times worse than outdoor air?** VOCs (Volatile Organic Compounds) are gases emitted by a wide range of products found in schools like paint, furnishings, cleaning supplies and building materials. Harmful VOCs, coupled with students and teachers spending the majority of their time indoors, makes improving indoor air quality essential to maintaining healthy school environments.

## THE IMPORTANCE OF CLEAN AIR FOR A HEALTHY, HIGH-PERFORMANCE SCHOOL ENVIRONMENT



### Student, Teacher, and Staff Health & Productivity

- Poor indoor air quality has been tied to symptoms like headache, fatigue, trouble concentrating and irritation of the eyes, nose and throat.
- 50% of all illnesses are either caused or aggravated by poor indoor air quality.



### Attendance and Absenteeism

- A school study in New York State revealed a strong correlation between school absenteeism rates and poor building conditions. Most visible may be the impact that indoor air quality has on asthma.
- Poor indoor air quality serves as a key asthma trigger, and asthma is one of the leading causes of school absenteeism for children under the age of 15.



### Academic Performance

- Researchers have shown that children exposed to air pollution perform worse on cognitive functioning tests and have impaired neurological function and lower IQ scores compared with other children.
- Concentration and attention span are both improved in interior spaces with good indoor air quality.

## INTRODUCING AN INNOVATIVE, HEALTH-ENHANCING APPROACH TO DEEP CLEANING

# PURETi® Healthy School Care Deep Cleans to Disinfect while Continuously Improving Indoor Air Quality

## PURETi® HEALTHY SCHOOL CARE DELIVERS RESULTS THAT ARE:

### Immediate

- Hospital-grade disinfection kills viruses, bacteria, and mold that may spread disease
- On-contact odor eliminator

### Sustainable

- Uses minerals and light instead of chemicals to clean the air
- Surface disinfectant is much safer than bleach

### Continuous

- Transforms ordinary surfaces into light-activated air purifiers that constantly clean the air in the entire room
- Improves indoor air quality by reducing VOCs by up to 50%
- Reduces organic odors in between cleanings

The air children, teachers and staff breathe in school can make a difference between a productive day of learning and a trip to the emergency room. Healthy indoor air quality is especially critical for the millions of children who suffer from asthma.

## Two Levels of Protection to Give Students, Teachers and Staff a Healthier Learning Environment

# 1

Clean surfaces and fabrics with an EPA-REGISTERED, hospital grade disinfectant that kills over 99.9% of germs, leaving rooms sanitized and smelling remarkably fresh.

**VitalOxide**

- A US EPA registered, hospital grade disinfectant
- Kills over 99.9% of bacteria
- Kills E. Coli, Salmonella, and Listeria in less than 60 seconds
- NSF Certified (No Rinse Required)
- Much safer than bleach

# 2

Treat windows, curtains, and light fixtures with an invisible photocatalytic coating that turns them into light-activated air purifiers. Energy from UV-A light safely oxidizes organic pollutants for months.

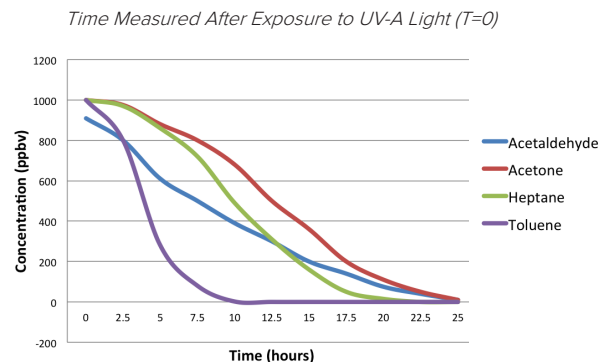
**pureti**



### US EPA TOXICITY CATEGORY RATING SYSTEM

	Bleach	Phenols	Quats	Vital Oxide
Toxicity Study	Cat. 1 High Toxicity	Cat. 2 Moderate Toxicity	Cat. 3 Low Toxicity	Cat. 4 Very Low Toxicity
Acute Oral	Up to 50mg/kg	>50 through 500 mg/kg	>500 through 5000mg/kg	> 5000 mg/kg
Acute Dermal	Up to 200mg/kg	>200 through 2000 mg/kg	>2000 through 5000 mg/kg	> 5000 mg/kg
Acute Inhalation	Up to 0.05 mg/liter	>0.05 through 0.50 mg/kg	>0.50 through 2.00 mg/kg	> 2.00 mg/kg
Signs words for label	<b>DANGER</b>	<b>WARNING</b>	<b>CAUTION</b>	<i>none required</i>

### REDUCTION IN VOCs ON PURETI® CLEAN & FRESH™ TREATED GLASS



### PARENT TESTIMONIAL

“As a Mom, I was desperate to find options to keep my children’s lungs as healthy as possible.

We had our house treated with the PURETi® protocol. After the treatment, **the quality of the air in our home was “breath taking”**. I can say that we saw a difference – we saw less dust through the rays of sunlight in our home and found that we were dusting less.

My husband and I were amazed with the results. The healthy indoor breathing environment allows us to live normally, and even keep the family dog. Additionally, the air throughout the house smells fresher.

Our boys (knock on wood) are healthier than they have been in some time and we have not had a sick visit in over three months.”

— Monica Dudas, Mother, NY

## The PURETi® Healthy School Care Protocol for Healthier School Environments

PURETi® Healthy School Care is more than just a great way to clean. It's an innovative, yet simple, two-step system that can make your school cleaner and *healthier* for your students, teachers and staff.

### HERE'S HOW IT WORKS:



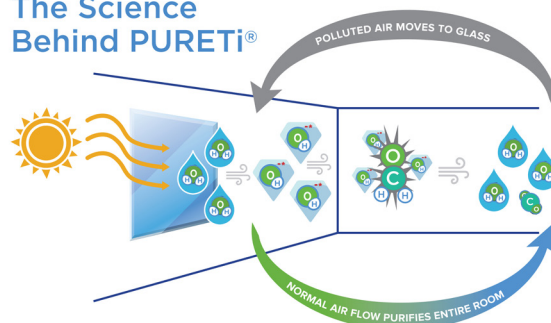
- STEP 1:** Apply a safe, hospital grade disinfectant, Vital Oxide, with an easy-to-use fogger applicator to deep clean all surfaces in the classroom. This step will kill up to 99.9% of germs to help reduce bacteria transmitted in the classroom.
- STEP 2:** Simply apply PURETi® Clean & Fresh™ to windows, mirrors and shiny surfaces. Then, wipe clean with a glass specific microfiber towel for a high-definition shine. This will transform treated surfaces into light-activated air purifiers for continuously cleaner, healthier air.
- STEP 3:** The benefits of PURETi® Healthy School Care are noticeable after the first use. It is recommended to use this protocol once every three months, or as needed.

### PURETi® TRANSFORMS WINDOWS INTO LIGHT-ACTIVATED AIR PURIFIERS FOR CONTINUOUSLY CLEAN CLASSROOM AIR

## Use the Power of Light to Clean the Air

- Light energy coming through glass activates PURETi's photocatalytic TiO<sub>2</sub> particles
- PURETi then uses this energy to briefly transform humidity in the air into powerful oxidizing agents that destroy harmful VOCs and pollutants in the air, then return to being water vapor
- The process repeats itself millions of times per second until all pollutants are destroyed
- Normal air flow circulates pollutants to the PURETi treated surface, continuously cleaning the air in the entire room

### PHOTOCATALYSIS: The Science Behind PURETi®



PURETi® TREATED SURFACE IS ACTIVATED BY LIGHT	STRONG OXIDIZERS ARE FORMED FROM WATER VAPOR	VOCs AND ORGANIC POLLUTANTS ARE DESTROYED
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**ASK US ABOUT HOW TO MAKE PURETi® HEALTHY SCHOOL CARE PART OF YOUR DEEP CLEANING PROTOCOL FOR A HEALTHY, HIGH-PERFORMANCE SCHOOL.**