

# OXINE®

## For HVAC and DUCT WORK

OXINE® is among a handful of products that are allowed by the US EPA for the application in air ducts and ventilation systems. The approval, is for limited use\*. The limitation in the application precludes disinfection claims. OXINE® is approved for use in air ducts as a static agent. Static agents are those that prevent microorganisms from replicating are the best alternative to a sanitizer. OXINE® is the most widely used static agent in HVAC along with its companion product EnviroCON®.

\*For a detailed account see the article "Exploring Sanitation of Porous Surfaces; Indoor Environment CONNECTIONS; October 2009"

### TOXICITY AND SAFETY

OXINE® is assigned the EPA toxicity category III.

OXINE® does not leave an active chemical residue, and quickly degrades to simple table salt.

OXINE® does not use any propellants or flammable ingredients, enhancing its safety qualities.

OXINE® is a NO-RINSE product, making it very easy to apply. Once OXINE® is applied, it dries leaving the system virtually residue-free.

### USE DIRECTIONS

OXINE® should be applied by the applicator wearing a NIOSH-MSHA approved respirator with an Organic Vapor/Acid Gas Cartridge.

Secure proper respiratory and eye wear protection prior to activation.

1. Pour 3.25 fl. oz. of OXINE® concentrate into a suitable mixing container.
2. Add 10 grams of OXINE® activator crystals to the OXINE® concentrate.
3. Mix and let stand for 5 minutes before dilution.
4. Prepare solution in a well-ventilated area. Avoid breathing fumes that may be produced while crystals are dissolving.
5. After mixing, add one gallon of clean water to the activated OXINE® solution. Final use solution is 500 ppm. Mixed solution is good for up to one week when stored in a closed container away from direct sunlight.



### APPLICATION METHODS

OXINE® is registered by the EPA specifically for HVAC systems and duct work.

As required by the EPA, the treated area must be evacuated prior to the application. Once the area has been treated, the area should be ventilated and allowed to air for one hour before repopulating. No one other than the applicator should be allowed in the work area during treatment.

The system must be mechanically cleaned, vacuumed, or blown free of dust, moil, soil and debris prior to using OXINE®.

Cover all air vents with filter media and use drop cloths around work area, as this product may fade some fabrics.

#### APPLICATION METHOD 1:

Place system under positive pressure with system fan. Spray, atomize or wipe OXINE® into duct work, coils, drain pans and grills. For best coverage, access system at each vent, or cut access holes for longer runs.

#### APPLICATION METHOD 2:

Place system under negative pressure with duct vac. Spray, atomize or wipe OXINE® into duct work, coils, drain pans and grills. For best coverage, access system at each vent, or cut access holes for longer runs.



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