

Product:	Anthium Dioxide®
Active Ingredient:	5.0% chlorine dioxide (5% aqueous stabilized chlorine dioxide)
Distributor:	International Dioxide
Registered use pattern and rates: <i>Label current as of November 2017</i>	<p>Approved for food contact surface use at 200 ppm and for non-food contact surfaces. Clean the areas prior to application.</p> <p>Use in mushroom production, spawn production, mushroom processing and cannery operations as a food-contact surface sanitizer, to disinfect non-food contact surfaces, to sanitize non-food contact surfaces, to control mold and mildew on environmental surfaces.</p> <p>For deodorizing irrigation water or areas, dilute 1 part Anthium Dioxide® with 1000 parts water; use the same concentration to obtain optimum whitening effects in irrigation waters. Deodorizing sludge waste pile or land areas is also allowed. For use as a terminal sanitizing rinse for stainless steel tanks, transfer lines, on-line equipment, picking baskets, picking utensils and other food contact surfaces, prepare a 200 ppm activated-use solution by one of the three procedures described on the label. Flush the surfaces with the sanitizing solution making sure surface area is thoroughly wet for at least 1 minute. Drain and allow to air dry.</p> <p>To disinfect walls, ceilings and floors, prepare a 300 ppm disinfectant use-solution of Anthium Dioxide® by one of the three procedures described on the label. Spray with a suitable device and make sure that the area is thoroughly wet for at least 10 minutes. Allow to air dry after application, never reuse activated solutions.</p> <p>To sanitize walls, ceilings and floors, prepare a 30 ppm activated use-solution of Anthium Dioxide® as described for “Non-Food Contact Surface Sanitizing Solution”, making sure the surface is wet for at least 10 minutes.</p> <p>To control mold and slime forming bacteria on walls, floors, ceilings, and post-crop mushroom growing surfaces, prepare a working solution of 1000 ppm available chlorine dioxide by diluting 2 2/3 fl. oz. Anthium Dioxide® per 1 gallon working solution. Apply by drench, spray, or fog on the surfaces, using suitable devices, and making sure all areas are wet. Avoid contact with food or food-contact surfaces, allow to air dry. For additional directions, please see the attached label.</p>
Material Safety issues: <i>SDS dated September 18, 2017</i>	<p>Precautions for handling, use, and storage of this product are provided on the SDS. Avoid breathing fumes, prepare solution for disinfecting walls, ceilings and floors in well-ventilated area. Precautions are described on the label.</p>
Comments:	Mildly corrosive. Effective under some organic matter load.