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(54) Title: MOISTURE-ACTIVATED CHLORINE DIOXIDE-RELEASING POWDER AND METHOD OF MANUFACTURE

(57) Abstract: Methods of manufacturing a moisture-activated powder are provided which provide generation and release of chlorine dioxide without detectable amounts of any toxic by-products such as chlorine gas, chlorites, or chlorates. The powder need not be exposed to light before or during exposure of the powder to moisture or relative humidity to generate the gas. The powder can also be prepared under conditions that minimize or prevent decomposition or oxidation of sodium chlorite or premature moisture activation of the powder during the manufacturing process to maximize its activity.



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