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(54) Title: BIOCIDAL COMPOSITIONS COMPRISING THIOL GROUP MODULATING ENZYME INHIBITORS AND PYRION COMPOUNDS

(57) Abstract: The present invention relates to combinations of a thiol group modulating enzyme inhibitor and a pyrion compound which provide an improved protecting effect against fouling organisms, fungi or bacteria. More particularly, the present invention relates to compositions comprising a combination of a thiol group modulating enzyme inhibitor selected from dichlofluanid, tolylfluanid, dithane, thiram, ziram, or zineb, together with a pyrion compound selected from 1-hydroxy-2-pyridinone, ciclopirox, ciclopirox olamine, piroctone, piroctone olamine, rilopirox, pyrion disulfide, sodium pyrithione and zinc pyrithione; in respective proportions to provide a synergistic effect against fouling organisms, fungi or bacteria and the use of these compositions for protecting materials against fouling organisms, fungi or bacteria.



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