

Who is Odour Science

Odour Science (PTY) Ltd is the number one biocidal company when it comes to Odour Elimination, Sterilisation and Disinfection! Chlorine Dioxide is the active ingredients in Odour Science's line of products. It has been used for decades to ensure quality drinking water and is completely safe for use in the Hotels, Recreation Centers, Hospitals, Libraries, Gymnasiums, SPCA's, Churches, Offices and even in your vehicles. Our Solution is Odour less!

Library Decontamination

This document seeks to address the issue of the harmful environment's libraries have become by highlighting the health issues facing these institutions and providing adequate solutions.

HUMAN HEALTH

The high density of books and shelf arrangements in libraries can impede airflow, allowing microorganisms in the air to undergo sedimentation and form dust. This process is incredibly difficult to control and has negative implications for human health. People commonly refer to a unique "library smell" which is actually a result of a massive presence of harmful fungi and microorganisms. Owing to the increasing concern regarding this public health issue, it is necessary to investigate and disseminate information on measures which can suppress the growth of these microorganisms in an effort to mitigate their impact on human health.

SYMPTOMS

Upper respiratory illness (asthma, rhinitic symptoms, broncho-pulmonary conditions or allergies), skin infections, severe cryptococcal meningitis and even death in those with chronic lung disease. Of all library workers interviewed in a scientific study, a significant proportion (49%) reported asthmatic or rhinitic symptoms and 18 tested positive to fungi-related allergies where the presence of these fungi was confirmed.

TRANSMISSION

Upon identification of an outbreak, it is important to take precautionary measures, as the spread of these diseases can and will have long term effects on the populous. The speed at which these organic compounds is spread is increase using saliva instead of water to turn the pages of books. The use of deadly compounds such as pesticides and ammonia-based chemicals to kill microbes only serves to further endanger the lives of those utilising library facilities.

DAMAGE TO PROPERTY

Biodegradation of library materials poses a challenge for the preservation of culturally and historically significant documents that are often housed in libraries. The chemicals currently used for disinfection are equally harmful to books as they are to the bacteria which they attempt to eradicate. Documents are often left moist which only leads to further degradation and creates a breeding ground on which more microorganisms and fungi can rest and reproduce.

SOLUTION

- Odour Science (PTY) Ltd provides a simple, inexpensive solution to all bacterial issues, including but not limited to, fungal contamination, harsh smells, microorganisms and airborne organic compounds.
- Odour Science (PTY) Ltd Products have a 99.999% efficacy on all microbes and volatile organic compounds.
- Odour Science (PTY) Ltd does not use any harmful/deadly compounds (Pesticides, ammonia-based agents), the product itself is commonly used in drinking water and is 100% soluble (leaves no residue or moisture).
- Odour Science (PTY) Ltd products are 100% safe to use and leave no smells or harmful gases in the air once deployed.

CONCLUSION

Regular use of Odour Science products combined with proper ventilation will result in a significant improvement across all afore-mentioned categories.

