



Guide to Hygiene and Sanitation in Aviation World Health Organization, 2009

Abstract

This document was developed by a panel of experts from around the globe in partnership with the World Health Organization (WHO) for aviation transport providers to address the various sanitary requirements within the aircraft and airports. Particular attention is paid to the cleaning and disinfection requirements for effective infection prevention and the criteria with which cleaning and disinfectant products should be chosen. Accelerated Hydrogen Peroxide® (AHP®) performs exceptionally well within each category. AHP strikes a balance between rapid, broad spectrum germicidal efficacy and maintenance of an exceptional personal health and environmental profile. In fact, on page 39 of the document reference is made to hydrogen peroxide based disinfectants containing surfactants and chelating agents (AHP) which are reporting excellent results in other industries.

Summary

In 2006, over 2 billion passengers were carried by airlines, indicating that air transport is a potentially efficient means for spreading communicable disease by surface contact or proximity to infected persons. Therefore, effective cleaning and disinfecting regimens need to be put in place to mitigate the potential transfer of pathogens from an infected person to others via surfaces within the aircraft or airports.

Conclusion

Aircraft and airports are high traffic areas that present significant potential for infection transmission unless appropriately addressed. The implementation of effective cleaning protocols and disinfectant products that meet the criteria set forth by WHO is essential to mitigating this risk.

Implications for AHP

AHP Disinfectants are One-Step Disinfectant Cleaners

- AHP has proven cleaning efficiency resulting in lower costs and faster results as well as added confidence that disinfection can occur

AHP Disinfectants provide the perfect balance between safety and efficacy

- AHP is designed to be easier on employees and occupants resulting in protocol compliance

- AHP provides a HMIS rating of "0", meaning it has been proven to be non-toxic, non-irritating to eyes and skin and non-skin sensitizing and does not require the use of personal protective equipment to handle

AHP Disinfectants are environmentally sustainable

- AHP's active ingredient, hydrogen peroxide, breaks down into water and oxygen leaving no active residues
- AHP is formulated to ensure that it will not negatively impact indoor air quality and has been approved as an asthma-safe product

AHP Disinfectants have realistic contact times

- Short contact times ensure surfaces remain wet for the required contact time, providing comfort and confidence that disinfection has occurred
- AHP has been proven through peer reviewed studies to reduce HAIs

AHP Disinfectants are compatible

- AHP formulations are tested to ensure compatibility that preserve your investments in equipment, furniture and building surfaces by reducing corrosion and wear

PTSHH0142.0(06/2015)