

From: Plucker, William
Sent: Friday, May 29, 2020 7:49 AM
To: Teamxl <teamxl@txtav.com>
Subject: RE: Aircraft disinfectant

Gentleman,
The response from M and P:

Bacoban DL Aerospace can be used in aircraft interiors. There are certain restrictions to apply, which are shown in the table below. Airgene CE is using the quaternary ammonium chloride as active compound, but it contains 15 to 20% of isopropyl alcohol. It appears to be active disinfectant, but it might cause an issue with acrylic windows, especially in stressed areas. We do not recommend the use of Airgene CE in aircraft interiors without further investigation.

Thanks, hk.

Product	Vendor	Active Compounds	Application	Summary	Status	Permitted	
Bacoban DL Aerospace	Bacoban	Quaternary Ammonium Chloride Pyridine-2-thiol-1-oxide, sodium salt Sol-gel	Spray or Wipe	It meets AMS 1452 requirements. Per formula, it is compatible with furniture coating. It is unknown how the sol-gel reaction affects window and leather. It needs to be tested.	Approved	Window	TBD
						Leather	TBD
						Furniture Coating	Yes
						Avionics	Yes (by rub)
Bacoban DL Aerospace by Nebuliser	Bacoban	Quaternary Ammonium Chloride Pyridine-2-thiol-1-oxide, sodium salt Sol-gel	Fogging	Bacoban Nebuliser can be used to apply the Bacoban DL by fogging. However, fogging application to the windows, leathers, or cockpit electronics is not allowed. It is unknown how sol-gel reaction can affect the leathers or windows. It is also unknown how the water exposure can affect the avionics. It needs further investigation.	Approved	Window	TBD
						Leather	TBD
						Furniture Coating	Yes
						Avionics	TBD

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