

RECOMMENDED DISINFECTANTS FOR SHAKERS AND “STICKY STUFF”

Recommendation

INFORS HT strongly recommends using only disinfectants with quaternary ammonium compounds as active ingredients for the disinfection of INFORS HT shakers, incubator shakers, and “sticky stuff”, such as Fermacidal D2 or Biocidal ZF. Disinfectants with other categories of active ingredients can have adverse effects on component lifetime and/or operator health as detailed below.

Disinfectant Categories

Based on their active ingredients, disinfectants can be assigned to the following categories:

1. Quaternary ammonium compounds (= quaternary ammonium salts; cationic compounds; amphotensides; amphoteric surfactants), e.g., Fermacidal D2 or Biocidal ZF
2. Alcohol (70% Ethanol) resp. a mixture of different alcohols
3. Aldehydes (especially formaldehyde), phenol or phenol derivatives or ketones, e.g., Pursept FD
4. Alkylamines, e.g., Korsolex Basic

It is advised to never use disinfectants with unknown active ingredients or solvents for disinfection. Detailed information about side effects of specific disinfecting agents must be requested from the supplier of the disinfecting agent, with reference to the affected materials as specified in the INFORS HT operating manuals.

Applicability Matrix

	Category 1	Category 2	Categories 3 and 4
(Incubator) Shaker	Approved ¹	Approved if permitted by local legislation	Advised against, can have adverse effects on operator health and/or material longevity
“Sticky Stuff”	Approved ¹	Not approved	Not approved

¹ Follow cleaning and disinfection instructions as detailed in the operator manual. For “Sticky Stuff”, take extra care to rinse with water and dry overnight.