

EasyDECON® DF200	Bleach
EPA Registered	Not all bleach products are EPA registered, meaning that they likely DO NOT contain the required 6% hypochlorite content required to meet established disinfectant criteria
Effective shelf life of 6+ years	Effective shelf life of a maximum of 9 months or less when continuously stored at ~70°F
Effective peroxide levels easily field testable	No field test to verify bleach meets EPA required hypochlorite content by weight
Inherently biodegradable	Highly corrosive - causes severe corrosion to equipment
No HAZMAT considerations/restrictions for storage or transportation	
Deployable as a foam, liquid or fog	Effectively deployed as a liquid only
Visual indicators of area coverage - foam blankets the target area	Bleach is combined with water and sprayed onto a surface - no visual feedback to indicate effective target coverage
Foam blanket prevents spread, off gassing	
Foam can act as a vapor suppressant	
Foam has a long 'dwell' time, ensuring requisite contact time for complete disinfection and decontamination of surfaces.	Bleach solutions dry quickly which can lead to inadequate contact time to kill/neutralize the pathogen, and requires continuous rewetting to ensure contact time and effectiveness.
The surfactant carrier of EasyDECON lowers surface tension, allowing the components to penetrate substrates and achieve better contact and thus neutralization of pathogens.	
Foam can adhere to horizontal and vertical surfaces including glass and metals.	Bleach solutions cannot adhere to horizontal/vertical surfaces, leading to insufficient and ineffective contact time.
Foam uses much less liquid to do a much better job, and is easily captured for proper disposal.	The use of bleach solution creates excessive runoff for containment and cleanup. This runoff can create collateral water damage, staining, saturation and even flooding.
1 gallon of EasyDECON can be turned into up to 35 gallons of effective foam using Intelagard application systems.	Application of water/bleach mixtures is typically achieved with spray systems or hand held pump sprayers, making proper coverage unlikely and inefficient.
EasyDECON is easily tested for active ingredient efficacy.	There is no test to check hypochlorite level in bleach.
Remains effective for 8 hours once components are combined and formula is activated.	
Components are inert in factory packaging, and have a shelf life of ~6 years.	Hypochlorite levels in bleach degrade quickly, especially when incorrectly stored, leading to much less effective product.
Components are pre portioned to avoid mixing errors.	User must research necessary dilution levels for correct and effective neutralization of pathogens.