

Advanced BioTech

Developer of MultiFIX™ and BioWorld Products™

Chemical Spill Odor Neutralized in Large NASA Building CASE STUDY

Project Situation

An accidental chemical spill took place in a 4-story NASA Florida office complex. The incident took place on a late Friday afternoon after there were complaints from workers so the building was evacuated.



After the chemical spill had been safely cleaned up, a NASA Industrial Hygienist and HazMat crews had determined the facility was completely worker health safe after toxic gas meter testing. The fumes were no longer harmful and the building was cleared to be reoccupied. The problem for facility managers was a pungent odor still lingered throughout the building.
NASA Florida USA

The building windows and doors were opened in an attempt to circulate fresh Florida air but the horrible chemical odor smell persisted. The concern was that the employees would object to working in the facility due to perceived health issues. Worker productivity declines when a chemical odor is in the air and creating a major distraction.

The Environmental Health Manager contacted Advanced BioTech and after investigation determined the BioWorld Odor Neutralizer was a viable solution for this large building odor problem. A FedEx Overnight shipment of BioWorld Odor Neutralizer (BON) and a fogging unit was arranged for Saturday morning delivery. BON was fogged onto the spill area surfaces and into the HVAC intakes in several parts of the facility for approximately 3 hours.

Results

The odors were completely mitigated and all odors neutralized. The facility was reoccupied as usual on Monday morning and there were zero odor complaints by anyone. There was a major cost savings using the BON – no lost workdays.

Products/Technology Used

#41064 BioWorld Odor Neutralizer BON-CC-41 Concentrate
#F8026 Triple Nozzle Fogger