

HONORABLE MENTION TECHNOLOGY

Peroxygen-based Chemical & Biological Decontamination Formulation

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The US Navy has patented a decontamination product that has been demonstrated to be highly effective against a wide range of chemical and biological threats. Based on peroxygen compounds, the active ingredient of the new solution comes in a stable, solid form that is activated by simply adding water. The final solution has a moderate pH and breaks down into environmentally friendly compounds, so it is much easier on equipment, users, and the environment than competing products. Possible applications include HAZMAT cleanup, decontamination systems for cruise ships or office buildings.