BioChemGEL-Sys

B & C Decontamination of infrastructures

Ready and easy to use, easy to manipulate and store, used on vertical or horizontal surface…

- CWA
- HD
- VX
- GD
- B AGENTS
- BACILLUS ANTHACIS
- YERSINIA PESTIS
- VACCINE

Protection

Detection

Deconta

BioChemGEL-Sys

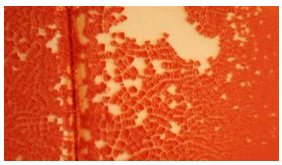
B & C Decontamination of infrastructures

- Visually controllable gel
- Effective on different types of covering (no chemical reaction)
- No rinse step, no liquid effluents
- Minimize waste generation

USE

1 – Vaporization (2-3 m² /mn)
Apply a layer of the gel on the contaminated surface area. This gel contains chemical components that react with the toxics agents to destroy or trap them.

2 – Drying (3 to 5h)
During the drying phase, the gel is divided into dry residue of milimetric flakes.



3 – Aspiration and waste management
Then, these flakes are removed by aspiration. The only waste produced by this decontamination technique is a mineral dry waste in low quantity and easily recoverable compared to the treated surface.

FEATURES

Gel layer	600-1000g/m²
Optimal dry temperature	Between 15°C and 25°C
Quantity of dried waste	150g/m²
Storage	3 years

SENSITIVITY*

HD (10g/m²)	No traces measured	B.A.	Log reduction >6Log (in cfu)
VX (5g/m²)	99% of efficiency	Y.P.	Log reduction >6Log (in cfu)
GD (10g/m²)	No traces measured	Vaccine	Log reduction >4Log (in cfu)

* Tested on stainiess & tiles

ASSESSMENT

DGA Maîtrise NRBC for military services
Czech National Institute for NBC protection (Sujchbo)

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