

Title (en)

SIMULANTS OF TOXANTS FOR TRAINING AND TESTING

Title (de)

GIFTSTOFFSIMULANZIEN ZUM TRAINIEREN UND TESTEN

Title (fr)

SIMULATEURS DE SUBSTANCES TOXIQUES POUR ENTRAÎNEMENT ET ESSAI

Publication

EP 2235470 A1 20101006 (EN)

Application

EP 07872282 A 20070830

Priority

US 2007077255 W 20070830

Abstract (en)

[origin: WO2009029103A1] Compositions are formulated with generally regarded as safe (GRAS) ingredients for use as chemical simulants of toxants such as chemical warfare agents. The compositions can be used for training exercises, testing, and research studies and they can be applied safely to human skin. They include ultraviolet-excited fluorescent ingredients that make possible visible viewing of the simulants. The chemical simulants have good fidelity with the physical properties of toxants, for example, vapor pressure, volatility, persistence, viscosity, response to oxidative, hydrolysis, and perhydrolysis decontaminants, and they can be detected by commonly used portable instruments used to detect toxants.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009029103A1

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