

Handbook of toxicology of chemical warfare agents

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Résumé ou extrait : This handbook considers every aspect of deadly toxic chemicals used in conflicts, warfare and terrorism. As modern warfare evolves, an increasing number of chemical and biological warfare agents are introduced, making research into the effects and treatment of these agents essential for governmental bodies worldwide. With chapters written by leading experts, and including findings from experimental and clinical studies; this reference offers in-depth coverage of individual toxicants; target organ toxicity; major incidents; toxic effects in humans, animals, and wildlife; biosensors and biomarkers; on-site and laboratory analytical methods; as well as detoxification procedures and countermeasures. The edition is a complete update and expansion of the first edition, presenting the most recent advances in the field. New chapters include a case study of the Iran-Iraq war, an overview of chemical weapons of mass destruction, explosives, ricin, the human respiratory system, alternative testing methods, PTSD and other brain injuries and more.

Sujet - Nom commun : Armes chimiques -- Toxicologie