1. Record Nr. UNINA9910785035203321 Jet fuel toxicology / / editors, Mark L. Witten, Errol Zeiger, Glenn David **Titolo** Ritchie Pubbl/distr/stampa Boca Raton:,: Taylor & Francis,, 2011 **ISBN** 0-429-14171-8 1-4398-5771-7 1-4200-8021-0 Descrizione fisica 1 online resource (346 p.) Altri autori (Persone) WittenMark L <1953-> (Mark Lee) ZeigerErrol RitchieGlenn David 615.9/5 Disciplina Soggetti Jet planes - Fuel - Toxicology Hydrocarbons - Toxicology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Front cover; Dedication; Contents; Preface; About the Editors; Contributors; Chapter 1. Air Force-Related Jet Fuel Toxicology Research (1991-2010); Chapter 2. Jet Fuel Composition; Chapter 3. The Toxicity and Underlying Mechanism of Jet Propulsion Fuel-8 on the Respiratory System; Chapter 4. Neurotoxicological and Neurobehavioral Effects from Exposure to Jet Fuels; Chapter 5. Differential Protein Expression Following JP-8 Jet Fuel Exposure; Chapter 6. Immune Modulation by Dermal Exposure to Jet Fuel

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Sommario/riassunto

Currently serving as a resource for the National Center for Toxological Research in their work with the Gulf Coast oil spill, this book presents current research conducted primarily by the airforce on the toxic effects of JP-8 jet fuel on the pulmonary, immune, dermal, and nervous systems. In all, the book considers 13 toxicology studies of significance, the results of which are currently shaping US armed services policy. It will enable all of the hydrocarbon industry to make better choices regarding fuel handling. Due to its widespread use, jet fuel is thought to be the larg