Record Nr. UNINA9910784063303321 Autore URBEN PETER **Titolo** Bretherick's Handbook of Reactive Chemical Hazards [[electronic resource]]: 2-Volume Set Burlington,: Elsevier Science, 2006 Pubbl/distr/stampa **ISBN** 1-281-07680-5 9786611076801 0-08-052340-4 Edizione [7th ed.] Descrizione fisica 1 online resource (2660 p.) Disciplina 541.39 660.2804 Chemical reactions Soggetti Chemicals Chemicals - Safety measures Hazardous substances Chemical & Materials Engineering **Engineering & Applied Sciences** Chemical Engineering Technology - General Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Cover; Volume 2; Contents - Volume 1; INTRODUCTION; Aims of the Handbook: Scope and Source Coverage: Volume 1: General Arrangement; Specific Chemical Entries (Volume 1); Grouping of Reactants; General Group Entries (Volume 2); Nomenclature; Cross Reference System: Information Content of Individual Entries: REACTIVE

CHEMICAL HAZARDS: Basics: Kinetic Factors: Adiabatic Systems: Reactivity vs. Composition and Structure; Reaction Mixtures; Protective Measures; SPECIFIC CHEMICALS (Elements and compounds arranged in formula order); APPENDIX 1 Source Title Abbreviations used in Handbook References

APPENDIX 2 Tabulated Fire-related DataAPPENDIX 3 Glossary of Abbreviations and Technical Terms: APPENDIX 4 Index of Chemical Names and Serial Numbers used as Titles in Volume 1; APPENDIX 5 Index of CAS Registry Numbers and Text Serial Numbers; Contents - Volume 2; CLASS, GROUP AND TOPIC; APPENDIX 1 Source Title Abbreviations used in Handbook References; APPENDIX 2 Glossary of Abbreviations and Technical Terms; APPENDIX 3 Index of Class, Group and Topic Titles used in Volume 2; APPENDIX 4 Classified Index of Class, Group and Topic Titles used in Volume 2

Sommario/riassunto

Bretherick's Handbook of Reactive Chemical Hazards is widely regarded as the reference work in this field - an assembly of all reported risks such as explosion, fire, toxic or high-energy events that result from chemical reactions gone astray, with extensive referencing to the primary literature. It is designed to improve safety in laboratories that perform chemical synthesis and general research, as well as chemical manufacturing plants. Entries are ordered by empirical formula and indexed under both name(s) and Chemical Abstracts Registry Numbers. This two-volum