1. Record Nr. UNINA9910458963203321

Autore Dikshith T. S. S. <1932, >

Titolo Handbook of chemicals and safety / / T.S.S. Dikshith

Pubbl/distr/stampa Boca Raton:,: CRC Press,, 2011

ISBN 0-429-14441-5

1-283-00461-5 9786613004611 1-4398-2061-9

Descrizione fisica 1 online resource (494 p.)

Disciplina 363.179

Soggetti Chemicals - Safety measures

Chemical engineering - Safety measures

Electronic books.

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Description based upon print version of record.

Nota di bibliografia Includes bibliographical references and index.

Nota di contenuto Front cover; Dedication; Contents; Foreword; Preface;

Acknowledgments; Author; Chapter 1. Introduction; Chapter 2. Categorization of Chemical Substances; Chapter 3. Elements of Toxicology and Guidelines; Chapter 4. List of Chemical Substances; Chapter 5. Chemical Substances: Future Perspectives; Glossary; Appendix 1. Abbreviations; Appendix 2. Toxicity Rating: Units of Measurements; Appendix 3. Conversion Tables for Units of Measures; Appendix 4. Toxicity Rating of Chemical Substances; Appendix 5. WHO

Classification of Pesticide Hazards; Appendix 6. Material Damages

Caused by Air Pollution

Appendix 7. Major Global Chemical DisastersAppendix 8. Chemical Substances, Global Movement, Transport, and Disasters; Appendix 9. Effects of Alcoholism (Excessive Drinking) and Vehicle Driving:

Appendix 10. Chemical Substances, Industries, and Pollution; Appendix

11. Classification of Industries and Pollution Control; Appendix 12. Pesticides and Mammalian Toxicity; Appendix 13. Pesticides and Hormone Disturbances in Mammals; Appendix 14. Global Regulatory Agencies and Chemical Substances; Appendix 15. Global Development

of Pesticides; Appendix 16. Signs and Symptoms of Insecticide

## Poisoning

Appendix 17. Pesticides, Signs of Toxicity, and Parts of the Body AffectedAppendix 18. Pesticide Exposures, Behavioral, and Non-Behavioral Changes; Appendix 19. Classification of Carcinogens by Different Agencies; Appendix 20. Classification of Benign and Malignant Tumors in Mammals; Appendix 21. Organochlorine Pesticides and Carcinogenicity; Appendix 22. Regulatory Standings of Organochlorine Pesticides; Appendix 23. Federal Laws: Chemical Substances; Appendix 24. Insecticide Act 1968 Government of India, India

Appendix 25. Workplace Chemical Substances, Health Effects, and Symptoms of PoisoningAppendix 26. Signs and Symptoms of Toxicity in Humans; Appendix 27. Industrial Gas Cylinders and Safety; Appendix 28. Industrial Chemicals, Inhalation Toxicity, and Lung Diseases; Appendix 29. Occupational Exposure to Industrial Chemical Substances and Pulmonary Diseases; Appendix 30. Use and Handling of Chemical Substances; Back cover

## Sommario/riassunto

A host of chemical substances have become essential parts of human activities and requirements for societal development. Any kind of misuse and/or negligence in handling these substances can cause health disorders, poisoning, and fatalities among unprotected workers and members of the public exposed to contaminated food, water, and air. Carefully organized for ease of use, Handbook of Chemicals and Safety provides a tool for the management of a range of chemical substances commonly used, handled, stored, transported, and disposed of as wastes. Written in an accessible style