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Disciplina	615.9/02 615.902
Soggetti	Industrial toxicology
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Note generali	"A AIChE technical manual".
Nota di contenuto	Dow's Chemical Exposure Index Guide; TABLE OF CONTENTS; Preface; Introduction; Procedure for Chemical Exposure Index Calculations; Figures; Figure 1 - Procedure for Calculation of Chemical Exposure Index (CEI); Scenarios for Estimation of Airborne Release Rates; Emergency Response Planning Guidelines (ERPG) and Dow Emergency Exposure Planning Guideline (EEPG); Tables; Table 1 - Emergency Response Planning Guidelines: ERPGs/EEPGs; Guidelines for Estimating the Amount of Material Becoming Airborne Following a Release; Figure 2 - Flowchart for Calculating the Airborne Quantity Estimating the Airborne Quantity for Gas Releases Estimating Airborne Quantity for Liquid Releases; CEI and Hazard Distance Calculation; Figure 3A - CEI vs. Airborne Quantity (SI Units); Figure 3B - CEI vs. Airborne Quantity (US/Brit Units); Chemical Exposure Index Summary Form; Table 2A - Physical Property Table for CEI (SI Units); Table 2B - Physical Property Table for CEI (US/BRIT Units); Appendices; Appendix 1 - Chemical Exposure Index Review Process; Appendix 2 - Containment and Mitigation Checklist; Appendix 3 - Example CEI Calculations (4 examples) Appendix 4 - Chemical Exposure Index for Selected Chemicals for Releases for Releases from a 2-inch Diameter Hole

Sommario/riassunto

Dow Chemical developed the Chemical Exposure Index to help its engineers design and operate safer facilities. This seminal guide to rating the relative acute health hazard potential of a chemical release to workers and the neighboring community is available to the chemical process community. The index uses a methodology for estimating airborne quantity released, which allows for more sophisticated process analyses. Special Details: Softcover. The Dow Chemical Exposure Index and the Dow Fire and Explosion Index Hazard Classification Guide and the are designed to complement each other,
