

CONTENTS

1.	Bridging Theory and Practice in Industrial Toxicology	1
	Part I. Conceptual Aspects	
2.	General Principles of Toxicology	7
3.	Absorption, Distribution, and Elimination of Toxic Agents	27
4.	Hematotoxicity: Toxic Effects in the Blood	59
5.	Hepatotoxicity: Toxic Effects in the Liver	78
6.	Nephrotoxicity: Toxic Effects in the Kidneys	106
7.	Neurotoxicity: Toxic Effects in the Nervous System	123
8.	Dermatotoxicity: Toxic Effects in the Skin	138
9.	Pulmonotoxicity: Toxic Effects in the Lung	162
	Part II. Specific Areas of Concern	
10.	The Toxic Effects of metals	197
11.	The Toxic Effects of Pesticides	211
12.	Toxic Effects of Organic Solvents	230
13.	Occupational Epidemiology	260
14.	Mutagenesis	273
15.	Carcinogenesis	301
16.	Reproductive Toxicology	343
	Part III. Workplace Applications	
17.	Risk Assessment	369
18.	Methods for Evaluating Chemical Exposures	399
19.	Case Studies	414
20.	Controls for Industrial Exposures	432
	Appendix	451
	Glossary	465
	Index	487