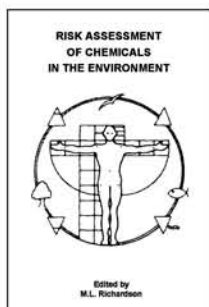


RISK ASSESSMENT OF CHEMICALS IN THE ENVIRONMENT

Edited by M. L. Richardson, *Chemical Information Group, RSC*



Risk assessment is a multidisciplinary subject with worldwide consequences and this important new book outlines the basic principles involved.

Risk Assessment of Chemicals in the Environment is based on the Third FECS Conference on Chemistry and the Environment and provides both up-to-date information and a forum for discussion on the subject.

With worldwide contributions from eminent, internationally known authors, the book covers both chemical and radioactive risk assessment, predictive techniques, risk acceptance (including prediction and reality on isolated and global bases), approaches to the control of chemical disasters and much more . . . It is divided into four sections as follows: Introduction and Overview;

Contribution of Toxicology to Risk Assessment; Incidental Emissions – Air and Water; and Intentional Emissions.

Also included is a glossary of terms, useful addresses and a subject index.

This book will be of great value to scientists and other professionals, whether experts or novices, involved in any aspect of the safety of chemicals in the environment.

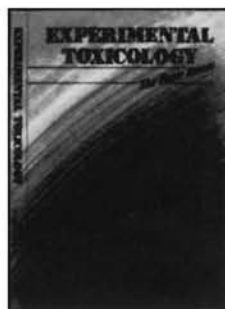
ISBN 0 85186 118 0
Hardcover 604pp

Published 1988
Price £59.50 (\$119.00)
RSC Members Price £35.00

EXPERIMENTAL TOXICOLOGY

The Basic Issues

Edited by Diana Anderson, *Head of Genetic and Reproductive Toxicology at British Industrial Biological Research Association* and D. M. Conning, *Director-General of the British Nutrition Foundation*



This important new book is aimed at toxicologists in general and addresses the basic issues concerned with the practice of experimental toxicology.

Principles and methods are discussed in detail, covering experimental design, biochemical issues, animal husbandry, species differences, immunological issues, carcinogenesis, reproductive approaches, statistics, genetics, some *in vitro* and molecular approaches, plus risk assessment, information resources, aspects of legislation, good laboratory practice and laboratory design.

Experimental Toxicology will be of great interest to all those practising in the field, as well as to those who wish to gain a basic understanding of what toxicology is all about. It will also be useful to specialists in a other disciplines, who need an introduction to this area.

ISBN 0 85186 108 3
Hardcover 550pp

Published 1988
Price £69.50 (\$138.00)
RSC Members Price £39.50

For further information, please write to:
Royal Society of Chemistry,
Sales and Promotion department,
Thomas Graham House,
Science Park,
Milton Road,
Cambridge CB4 4WF. U.K.

To Order, please write to:
Royal Society of Chemistry, Distribution
Centre, Blackhorse Road, Letchworth,
Herts SG6 1HN. U.K.
or telephone (0462) 672555 quoting
your credit card details.
We can now accept Access/Visa/
MasterCard/Eurocard.

RSC Members should order from:
The Membership Manager,
Royal Society of Chemistry,
Thomas Graham House,
Science Park, Milton Road,
Cambridge CB4 4WF, U.K.



Lancaster Catalogue 8990



Completely revised
1152 pages
1000 new items

6500 literature references to some 2000 items
Illustrated by 1500 reaction flow-charts
Semi-bulk and bulk quantity indications
Extensive cross-referencing

Out Now!

UNITED KINGDOM

Lancaster Synthesis Ltd.
Eastgate, White Lund
Morecambe, Lancs. LA3 3DY
Linkline: 0800-262336
Telephone: 0524-36101
FAX: 0524-39727
Telex: 65151 (LNCSYN G)

U.S.A. AND CANADA

Lancaster Synthesis Ltd.
P.O. Box 1000
Windham
New Hampshire 03087
Toll-free lines: 800-238-2324
Telephone: 603-889-3306
FAX: 603-889-3326

FRANCE

Lancaster Synthesis Ltd.
17 rue Vauban Zone Industrielle
F-67450 Mundolsheim
Strasbourg, France
Telephone: 88-81-96-00
FAX: 88-20-27-19
Telex: 870551 (LNCSTRM F)

GERMANY

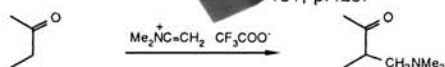
Lancaster Synthesis GmbH
Querstraße 2
7640 Kehl, Germany
Telephone: 07851-75176

JAPAN

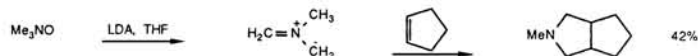
Hydrus Chemical Inc.
Tomitaka Bldg. 8-1
Uchikanda 2-chome
Chiyoda-ku,
Tokyo 101, Japan
Telephone: (03) 258-5031
FAX: (03) 258-6535
Telex: 2324032 (Hydrus J)

ITALY

Farmitalia Carlo Erba S.p.A.
Ufficio Vendite
Via Imbonati 24
20159 Milano, Italy
Telephone: 02-6995/2061-2081

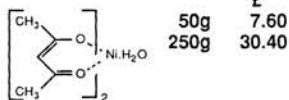


Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J. Chem. Soc., Chem. Commun.*, 31 (1983):

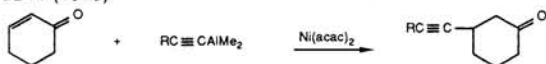


Compare also N-methylmorpholine-N-oxide, 5957, p.710.

7854 Nickel acetylacetonate hydrate
[Nickel(II)2,4-pentanedionate hydrate]
F.W. 274.94, m.p. ca 285°(dec), [3264-82-2]
HARMFUL / POSSIBLE CARCINOGEN
Please ask for bulk prices (5Kg to 100Kg+)



Catalyst for a variety of useful coupling reactions, including:
Conjugate addition of alkynylaluminium reagents to enones: *J. Am. Chem. Soc.*, 100, 2244 (1978):



Conjugate addition of cis-alkenylzirconium reagents, from the hydrozirconation of alkynes, to Michael acceptors, with retention of configuration: *J. Am. Chem. Soc.*, 102, 1333 (1980).

Coupling of Grignard reagents to give biaryls: *J. Org. Chem.*, 41, 2252 (1976).
Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nickel, 0369, p.335, this reagent gives the thermodynamically more stable alkene: *Tetrahedron Lett.*, 3915 (1980):



Send Now!

Make sure you have your personal copy