

The table of contents lists 134 different gases, although many are grouped in categories (i.e., information on both acetylene and ethylene is found in the "aliphatic hydrocarbon" section). Information typically given for each gas includes the following:

- Description — color, odour, shipping mode, solubility
- Major hazard — explosive, flammability
- Effects on man
- Toxicity
- Threshold limited values (TLV)
- Preventive health measurements and safety precautions
- First aid treatment
- Suggestions for medical treatment
- References

The book will well serve a wide audience — chemists, engineers, industrial hygienists and medical doctors — in diverse activities, ranging from the laboratory to uncontrolled hazardous waste sites.

GARY F. BENNETT

Heavy Gas and Risk Assessment — II, by S. Hartwig (Ed.), D. Reidel Publishing Co., Dordrecht, The Netherlands, 1983, ISBN 90-277-1594-7, 322 pages incl. index, \$46.50.

This book is a collection of papers presented at a symposium held in May 1982 in Frankfurt, and is the second such collection under the same editor. The 19 papers deal with four main topics, namely

- (1) Dispersion Modelling,
- (2) Experimental Work,
- (3) Fires and Explosions,
- (4) Risk Assessment Aspects.

Most of the papers are of high quality, and will be of interest to anyone involved in the technical aspects of dense gas dispersion problems in major hazards. A few of the contributions present material that has already been published elsewhere, but in view of the conference nature of the meeting this is quite understandable, in that the authors will perhaps have wished to present their work directly before the large number of participants. A particularly useful feature of this book (and its predecessor) is the inclusion of the names and addresses of the participants, enabling interested workers to identify the now international community in this subject. The new work that is presented more than compensates in quality and relevance for the small amount repeated from elsewhere, and the very reasonable price makes this book very good value for anyone working in this field.

R.F. GRIFFITHS