

Contents Volume 6 (1982)

Vol. 6, Nos. 1 + 2 (July 1982)

Special Issue: Dense Gas Dispersion

Editorial Note	1
The role of dense gases in the assessment of industrial hazards R.E. Britter (Cambridge, Gt. Britain) and R.F. Griffiths (Manchester, Gt. Britain)	3
Field experiments on dense gas dispersion J.S. Puttock, D.R. Blackmore (Chester, Gt. Britain) and G.W. Colenbrander (Amsterdam, The Netherlands)	13
Analysis of Burro series 40m ³ LNG spill experiments R.P. Koopman, R.T. Cederwall, D.L. Ermak, H.C. Goldwire, Jr., W.J. Hogan, J.W. McClure, T.G. McRae, D.L. Morgan, H.C. Rodean and J.H. Shinn (Livermore, CA, U.S.A.)	43
Wind-tunnel experiments on dense gas dispersion R.N. Meroney (Fort Collins, CO, U.S.A.)	85
Heavy gas dispersion models D.R. Blackmore (Chester, Gt. Britain), M.N. Herman and J.L. Woodward (Florham Park, NJ, U.S.A.)	107
A comparison of dense gas dispersion model simulations with Burro series LNG spill test results D.L. Ermak, S.T. Chan, D.L. Morgan and L.K. Morris (Livermore, CA, U.S.A.)	129
A comparison with experimental data of several models for dispersion of heavy vapor clouds J.L. Woodward (Florham Park, NJ, U.S.A.), J.A. Havens (Fayetteville, AR, U.S.A.), W.C. McBride and J.R. Taft (La Jolla, CA, U.S.A.)	161
A description and computational assessment of the SIGMET LNG vapor dispersion model J.A. Havens (Fayetteville, AR, U.S.A.)	181
Production of dense gas mixtures from ammonia releases — a review R.F. Griffiths (Manchester, Gt. Britain) and G.D. Kaiser (Rockville, MD, U.S.A.)	197
The use of statistics in describing and predicting the effects of dispersing gas clouds P.C. Chatwin (Liverpool, Gt. Britain)	213
Future directions of dense-gas dispersion research J. McQuaid (Sheffield, Gt. Britain)	231
<i>Vol. 6, No. 3 (May 1982)</i>	
Improving risk assessment methods for process plant R.A. Cox (London, Gt. Britain)	249
Hazardous waste management at abandoned dump sites — evolving perspectives C.J. Touhill, A.J. Shuckrow and A.P. Pajak (Pittsburgh, PA, U.S.A.)	261
U.S. Coast Guard research and development program for hazardous chemical discharge response T.H. Benson and J.R. Sinclair (Washington, DC, U.S.A.)	267
The control of hazardous chemical spills in the United Kingdom R.F. Cumberland (Harwell, Gt. Britain)	277

Flammability limits of the system $\text{CH}_3\text{Cl}-\text{CH}_2\text{Cl}_2-\text{HCl}-\text{Cl}_2$	
T. Dokter (Hengelo, The Netherlands)	289
Flame-arresting performance of round holes and porous discs	
for battery vent plugs	
N. Hay, B. Kubba and P.J. Shayler (Nottingham, Gt. Britain)	299
Safety assessment of flame-arresting battery plugs (<i>Short Communication</i>)	
N. Hay, B. Kubba and P.J. Shayler (Nottingham, Gt. Britain)	309
Book Reviews	319
Forthcoming Events	327
<i>Vol. 6, No. 4 (September 1982)</i>	
An apparatus for the measurement of maximum experimental safe gaps at standard and elevated temperatures	
G.A. Lunn (Buxton, Gt. Britain)	329
The influence of chemical structures and combustion reactions of the maximum experimental safe gap of industrial gases and liquids	
G.A. Lunn (Buxton, Gt. Britain)	341
The methodologies of hazardous materials transportation risk assessment	
L.L. Philipson (Redondo Beach, CA, U.S.A.) and H.S. Napadensky (Chicago, IL, U.S.A.)	361
Chemical suppression of air pollutants during the thermal disposal of hazardous wastes (<i>Short Communication</i>)	
P.E. Fredette, T.J. Schultz and B.W. Dominiak (Toledo, OH, U.S.A.)	383
Book Reviews	391
Forthcoming Events	397
List of Books Reviewed, Vols. 4-6	399
Author Index, Vol. 6	401
Contents, Vol. 6	403