

Contents

1 Principles of Foam Formation and Stability <i>P. Walstra</i>	1
2 Froths and Foams: Basic Principles and Model Calculations <i>D. L. Weaire</i>	17
3 Foam in Motion <i>J. R. Calvert</i>	27
4 Protein Adsorption at Liquid Interfaces and the Relationship to Foam Stability <i>E. Dickinson</i>	39
5 The Formation and Stabilisation of Protein Foams <i>D. C. Clark, M. Coke, L. J. Smith and D. R. Wilson</i>	55
6 Cryo-Microscopical Methods for the Investigation of Foam Structure <i>A. J. Wilson</i>	69
7 Non-Aqueous Foams: a Study of Crude Oil Foam Stability <i>I. C. Callaghan</i>	89
8 The Influence of Foam Rheology in Enhanced Oil Recovery Operations <i>C. W. Nutt and R. W. Burley</i>	105
9 Structure and Properties of Solid Food Foams <i>P. J. Lillford</i>	149
10 Foam and the Activated Sludge Process <i>C. F. Forster</i>	167
11 Ice Cream <i>J. K. Madden</i>	185
12 Beer Foam <i>P. K. Hegarty</i>	197
13 Firefighting Foams <i>F. Fitch</i>	207
Subject Index	227