

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910815727703321 |
| Autore | Durkee John B |
| Titolo | Cleaning with solvents : science and technology / / John B. Durkee, II |
| Pubbl/distr/stampa | Oxford : , : William Andrew, , 2014 |
| ISBN | 1-4557-3161-7 |
| Descrizione fisica | 1 online resource (xxii, 755 pages) : illustrations (some color) |
| Collana | Gale eBooks |
| Disciplina | 541.2 |
| Soggetti | Solvents Industrial housekeeping Cleaning |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front Cover; Cleaning with Solvents: Science and Technology; Copyright; Contents; Preface; Acknowledgments; Disclaimer; What You Can Dowith This Book; A Note onOrganization; Units Used in This Book; External References Citedin This Book; Chapter 1 -Relationship of Solvent Properties to Structure; 1.1 BACKGROUND; 1.2 THE ELEMENTS OF CLEANINGSOLVENTS; 1.3 THE INCREDIBLE SHRINKINGPERIODIC TABLE; 1.4 A SOLVENT CAN BE ELEMENTSARRANGED IN A STRUCTURE; 1.5 A SOLVENT CAN ALSO BEA STRUCTURE POPULATED WITHADDITIONAL ELEMENTS; 1.6 THE FUTURE OF SOLVENTDESIGN 1.7 SPECIFIC RELATIONSHIPS OFCOMPOSITION AND STRUCTURE TOSOLVENT PROPERTIES1.8 SOLVENT DESIGN ISMULTIDIMENSIONAL; 1.9 SOLVENT DESIGN GOALS; 1.10 DESIGN OF NON-TRADITIONALSOLVENTS; 1.11 SOLVENT SELECTION; Endnotes; Chapter 2 -Solubility Scales (Parameters); 2.1ABSOLUTE AND RELATIVE INFORMATION; 2.2MOLECULAR SOUP; 2.3MAY THE FORCE(S)BB.A FULL AND COMPLETE DISCUSSION OF ALL IDENTIFIED INTERMOLECULAR (AS WELL AS INTERATOMIC) FORCES IS BEYON ...; 2.4SOLUBILITY PARAMETERS; 2.5KAURI BUTANOL (KB) VALUE; 2.6OTHER MEASURES OF SOLVENCY; 2.7HILDEBRAND SOLUBILITY PARAMETER 2.8HANSEN THREE-DIMENSIONAL SOLUBILITY PARAMETERS2. 9NUMERICAL VALUES OF HANSEN SOLUBILITY PARAMETERS; 2.10THE BASIC APPROACH - COMPARISON TO OTHER MATERIALS; Chapter 3 - Solvent Selection for Specific Tasks; 3.1BACKGROUND; 3.2THE NATURE |

OF SOILS; 3.3THE BASIC APPROACH TO SOLVENT SELECTION; 3.4THIS AUTHOR'S APPROACH; 3.5AUTOPSY OF SOME SOILS; 3.6FOOD-DERIVED RESIDUE; 3.7LUBRICANTS; 3.8GREASES; 3.9COOLANTS OR HYDRAULIC FLUIDS; 3.10 POLYMER-DERIVED RESIDUES; 3.11BIOLOGICAL RESIDUE (S); 3.12GENERAL OBSERVATIONS ABOUT SOILS; 3.13USE OF HANSEN SOLUBILITY PARAMETERS IN SOLVENT SELECTION
 3.14ANALYSIS FOR SPECIFIC SOIL COMPONENTS3.15GENERAL RESULTS FROM THE USE OF HSP; 3.16APPROACH USING MIXTURES OF IDENTIFIED SOIL COMPONENTS; 3.17SOLVENT SELECTION TO CLEAN COLLECTIONS OF SOILS; 3.18FOOD-DERIVED RESIDUE AS A SOIL COLLECTION; 3.19 SOIL COMPOSITION REALLY DOESN'T MATTER; 3.20LUBRICANTS AS A SOIL COLLECTION; 3.21GREASE AS A SOIL COLLECTION; 3.22COOLANTS OR HYDRAULIC FLUIDS AS A SOIL COLLECTION; 3.23POLYMER-DERIVED RESIDUES AS A SOIL COLLECTION; 3.24MEDICAL RESIDUES AS A SOIL COLLECTION; 3.25A SUMMARY OF LESSONS CONCERNING CLEANING SOIL COMPOSITES
 3.26IDENTIFICATION OF THE HSP VALUES OF INDUSTRIAL SOIL COMPOSITES3.27WORKING WITHOUT NUMBERS-USE OF THE HSP WITHOUT SOIL IDENTIFICATION; 3.28LIMITATIONS OF HSP SEPARATION (RA) FOR GOOD SOLVENT CLEANING PERFORMANCE; 3.29ABOUT CLEANING OF ALL SOILS; 3.30THE EFFECT OF NORMAL100 BOILING TEMPERATURE; 3.31VAPOR DEGREASING VS. COLD CLEANING; 3.32HSP FOR VAPOR DEGREASING VS. COLD CLEANING; Chapter 4 -SHE Management (Solvent Substitution); 4.1BACKGROUND; 4.2WHY SUBSTITUTE SOLVENTS?; It's About Time(ing); Technology-Forcing Regulations; 4.3REACH FOR THE STARS; 4.4BECOMING GLOBALLY HARMONIZED
 Becoming Globally Harmonized in the US

Sommario/riassunto

High-precision cleaning is required across a wide range of sectors, including aerospace, defense, medical device manufacturing, pharmaceutical processing, semiconductor/electronics, etc. Cleaning parts and surfaces with solvents is simple, effective and low-cost. Although health and safety and environmental concerns come into play with the use of solvents, this book explores how safe and compliant solvent-based cleaning techniques can be implemented. A key to this is the selection of the right solvent. The author also examines a range of newer "green" solvent cleaning options.

| | |
|-------------------------|---|
| 2. Record Nr. | UNINA9910969388903321 |
| Titolo | Current trends in diachronic semantics and pragmatics // edited by Maj-Britt Mosegaard Hansen, Jacqueline Visconti |
| Pubbl/distr/stampa | Bingley, UK : , : Emerald, , 2009 |
| ISBN | 9786612457609 9789004253216 9004253211 9781282457607 1282457608 9781849506786 1849506787 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (312 p.) |
| Collana | Studies in pragmatics, , 1750-368X ; ; 7 |
| Altri autori (Persone) | Mosegaard HansenMaj-Britt ViscontiJacqueline <1966-> |
| Disciplina | 401.9 |
| Soggetti | Linguistic change Semantics, Historical Pragmatics LANGUAGE ARTS & DISCIPLINES - Linguistics - Psycholinguistics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Preliminary Material / Hansen Maj-Britt Mosegaard and Jacqueline Visconti -- Current Trends in Diachronic Semantics and Pragmatics / Maj-Britt Mosegaard Hansen and Jacqueline Visconti -- APO: Avoid Pragmatic Overload / Regine Eckardt -- Diachronic Pathways and Pragmatic Strategies: Different Types of Pragmatic Particles from a Diachronic Point of View / Ulrich Detges and Richard Waltereit -- Context Sensitive Changes: The Development of the Affirmative Markers godt 'good' and vel 'well' in Danish / Eva Skafte Jensen -- Procatalepsis and the Etymology of Hedging and Boosting Particles / Kate Beeching -- Central/Peripheral Functions of allora and 'Overall Pragmatic Configuration': A Diachronic Perspective / Carla Bazzanella and Johanna Miecznikowski -- The Importance of Paradigms in |

Grammaticalisation: Spanish Digressive Markers *por cierto* and *a propósito* / Maria Estellés -- The Multiple Origin of *es que* in Modern Spanish: Diachronic Evidence / Magdalena Romera -- From Aspect/Mood Marker to Discourse Particle: Reconstructing Syntactic and Semantic Change / Bethwyn Evans -- The Grammaticalization Channels of Evidentials and Modal Particles in German: Integration in Textual Structures as a Common Feature / Gabriele Diwald , Marijana Kresic and Elena Smirnova -- Evidentiality, Epistemicity, and their Diachronic Connections to Non-Factuality / Mario Squartini -- The Grammaticalization of Negative Reinforcers in Old and Middle French: A Discourse–Functional Approach / Maj-Britt Mosegaard Hansen -- A Roots Journey of a French Preposition / Silvia Adler and Maria Asnes -- The Grammaticalization of Privative Adjectives: The Case of *Mere* / Elke Gehweiler -- The Origin of Semantic Change in Discourse Tradition: A Case Study / Katerina Stathi.

Sommario/riassunto

The focus of this volume is on semantic and pragmatic change, its causes and mechanisms. The papers gathered here offer both theoretical proposals of more general scope and in-depth studies of language-specific cases of meaning change in particular notional domains. The analyses include data from English, several Romance languages, German, Scandinavian languages, and Oceanic languages. Detailed case-studies covering central semantic domains, such as concession, evidentiality, intensification, modality, negation, scalarity, subjectivity, and temporality, allow the authors to test and refine current models of semantic change, by focusing, for instance, on the respective roles of speakers and hearers in the process and on the relationship between semantic and syntactic reanalysis. Key theoretical notions, such as presuppositions, paradigms, word order, and discourse status are revisited in a diachronic perspective to provide innovative accounts of causes and motivations for linguistic changes. A prominent theme is the evolution of procedural meanings of various kinds. Thus, several papers feature different types of pragmatic markers as their object of study, while others are concerned with items and constructions expressing modality, evidentiality, negation, and relational meanings. Closely related themes are: the interface between semantics and pragmatics/discourse, with figurative uses of language, rhetorical-argumentational strategies, discourse traditions, information structure, and the importance of dialogic contexts in change playing a salient role in several papers; the relationship between meaning change and processes such as grammaticalization, subjectification and pragmaticalization; and, the thorny issue of the categorization of linguistic items such as discourse markers or modal particles, evidentials or epistemic modals, to which the diachronic data are shown to contribute substantially. The volume will be of interest to graduate students and researchers in the fields of semantics, pragmatics, discourse analysis, grammaticalization, and historical linguistics.
