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| 1. Record Nr. | UNINA9910254057103321 |
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| Titolo | Advances in Sulphonation Techniques : Liquid Sulphur Dioxide as a Solvent of Sulphur Trioxide // by Navin G. Ashar |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016 |
| ISBN | 3-319-22641-X |
| Edizione | [1st ed. 2016.] |
| Descrizione fisica | 1 online resource (98 p.) |
| Collana | SpringerBriefs in Applied Sciences and Technology, , 2191-530X ; ; 151 |
| Disciplina | 628.532 |
| Soggetti | Chemical engineering Inorganic chemistry Manufactures Quality control Reliability Industrial safety Engineering economics Engineering economy Industrial Chemistry/Chemical Engineering Inorganic Chemistry Manufacturing, Machines, Tools, Processes Quality Control, Reliability, Safety and Risk Engineering Economics, Organization, Logistics, Marketing |
| 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 | Introduction -- Chemical and Physical Properties of Sulphur Dioxide and Sulphur Trioxide -- Manufacture of 25% & 65% Oleums as Well as Liquid Sulphur Trioxide -- Manufacture of Liquid Sulphur Dioxide -- World Production of Liquid SO ₂ and SO ₃ -- Techno Economic Evaluation of Processes Involved to Manufacture Liquid Sulphur Dioxide and Liquid Sulphur Trioxide -- Application of Sulphonation by Liquid SO ₃ Dissolved in Liquid SO ₂ -- Impact on the Future Processes for the Manufacture of Chemicals -- Case Studies and Its Commercial Application -- Summary -- Appendices. |

Sommario/riassunto

This book presents a complete, in-depth analysis for on the impact of liquid sulfur dioxide and liquid sulfur trioxide to carry out complex and difficult sulfonations, as well as manufacture of sulfuric acid with a CAPEX requirement of less than half, an area requirement less than one-third, and no emission of sulfur dioxide. The processes described in this volume represents an innovative approach relevant to the current manufacturing processes of sulfuric acid, sulfamic acid, para toluene sulfonic acid and other sulfonated product.
