

# Industrial Applications of Green Solvents

Volume II

**Eds. Inamuddin, Rizwana Mobin and Abdullah M. Asiri**

PDF eBook / PDF eBook DRM Free

The book explores industrial applications of green solvents in industrially important areas such as oil extraction, sensors and biosensors, CO<sub>2</sub> capture, etc.

*Keyword:* Green Chemistry, Green Solvents, Ionic Liquids, Supercritical Carbon Dioxide, Glycerol, Biosensors, CO<sub>2</sub> Capture, Lignocellulosic Biomass Utilization, Bio-based Chemicals, Electrochemical Devices, Chromatographic Purification of Pharmaceuticals, Bio-lubricant Additives, Green Electrolytes for Aluminum Production, Green Electrolytes for Aluminum-Alloy Production, Green Solvents for Oil Extraction

**ISBN 13:** 978-1-64490-031-4, **Publication Date:** 2019 (8/20/2019)

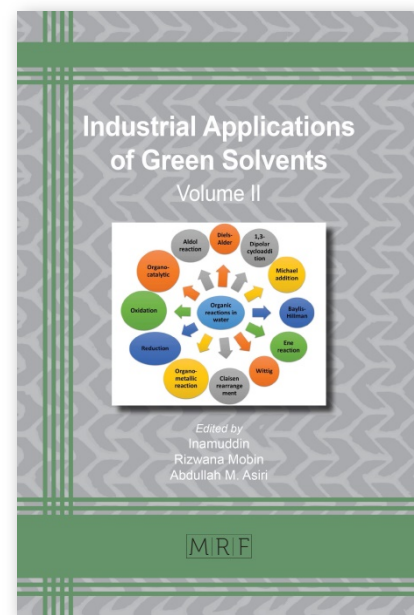
**Direct URL:** <http://www.mrforum.com/product/industrial-applications-of-green-solvents-volume-ii>  
300 pages, PDF eBook DRM Free, USD 125.00

*Materials Research Foundations Vol. 54* / **BISAC:** TEC021000 / **BIC/Thema:** TGM

**Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Worldwide*

Summary:

The book explores industrial applications of green solvents in industrially important areas such as oil extraction, sensors and biosensors, CO<sub>2</sub> capture, lignocellulosic biomass utilization, bio-based chemicals and their application in catalysis, electrochemical devices, purification of pharmaceuticals, organic synthesis and transformations, bio-lubricant additives, aluminum and aluminum-alloy production. The solvents covered include water, ionic liquids, supercritical carbon dioxide and glycerol.



## Book Information

# Industrial Applications of Green Solvents

Volume II

Eds. Inamuddin, Rizwana Mobin and Abdullah M. Asiri

Handbook / color print, paperback

The book explores industrial applications of green solvents in industrially important areas such as oil extraction, sensors and biosensors, CO<sub>2</sub> capture, etc.

**Keyword:** Green Chemistry, Green Solvents, Ionic Liquids, Supercritical Carbon Dioxide, Glycerol, Biosensors, CO<sub>2</sub> Capture, Lignocellulosic Biomass Utilization, Bio-based Chemicals, Electrochemical Devices, Chromatographic Purification of Pharmaceuticals, Bio-lubricant Additives, Green Electrolytes for Aluminum Production, Green Electrolytes for Aluminum-Alloy Production, Green Solvents for Oil Extraction

**ISBN 13:** 978-1-64490-030-7, **Publication Date:** 2019 (8/20/2019)**Direct URL:** <http://www.mrforum.com/product/green-solvents-II>

300 pages, color print, paperback, USD 125.00

**Materials Research Foundations Vol. 54 / BISAC:** TEC021000 / **BIC/Thema:** TGM**Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Worldwide***Summary:**

The book explores industrial applications of green solvents in industrially important areas such as oil extraction, sensors and biosensors, CO<sub>2</sub> capture, lignocellulosic biomass utilization, bio-based chemicals and their application in catalysis, electrochemical devices, purification of pharmaceuticals, organic synthesis and transformations, bio-lubricant additives, aluminum and aluminum-alloy production. The solvents covered include water, ionic liquids, supercritical carbon dioxide and glycerol.

