

Beckett's Industrial Chocolate Manufacture and Use

FIFTH EDITION

EDITED BY

Stephen T. Beckett

Mark S. Fowler

Gregory R. Ziegler

WILEY Blackwell

This edition first published 2017 © 2017 by John Wiley & Sons Ltd

Registered Office

John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, UK

Editorial Offices

9600 Garsington Road, Oxford, OX4 2DQ, UK

The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, UK

111 River Street, Hoboken, NJ 07030-5774, USA

For details of our global editorial offices, for customer services and for information about how to apply for permission to reuse the copyright material in this book please see our website at www.wiley.com/wiley-blackwell.

The right of the author to be identified as the author of this work has been asserted in accordance with the UK Copyright, Designs and Patents Act 1988.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, except as permitted by the UK Copyright, Designs and Patents Act 1988, without the prior permission of the publisher.

Designations used by companies to distinguish their products are often claimed as trademarks. All brand names and product names used in this book are trade names, service marks, trademarks or registered trademarks of their respective owners. The publisher is not associated with any product or vendor mentioned in this book.

The contents of this work are intended to further general scientific research, understanding, and discussion only and are not intended and should not be relied upon as recommending or promoting a specific method, diagnosis, or treatment by health science practitioners for any particular patient. The publisher and the author make no representations or warranties with respect to the accuracy or completeness of the contents of this work and specifically disclaim all warranties, including without limitation any implied warranties of fitness for a particular purpose. In view of ongoing research, equipment modifications, changes in governmental regulations, and the constant flow of information relating to the use of medicines, equipment, and devices, the reader is urged to review and evaluate the information provided in the package insert or instructions for each medicine, equipment, or device for, among other things, any changes in the instructions or indication of usage and for added warnings and precautions. Readers should consult with a specialist where appropriate. The fact that an organization or Website is referred to in this work as a citation and/or a potential source of further information does not mean that the author or the publisher endorses the information the organization or Website may provide or recommendations it may make. Further, readers should be aware that Internet Websites listed in this work may have changed or disappeared between when this work was written and when it is read. No warranty may be created or extended by any promotional statements for this work. Neither the publisher nor the author shall be liable for any damages arising herefrom.

Library of Congress Cataloging-in-Publication Data

Names: Beckett, S. T., editor. | Fowler, Mark S., 1956– editor. | Ziegler,

Gregory R., 1958– editor.

Title: Beckett's industrial chocolate manufacture and use / edited by Stephen

T Beckett, Mark Fowler, Prof Gregory Ziegler.

Other titles: Industrial chocolate manufacture and use

Description: Fifth edition. | Chichester, West Sussex, UK : John Wiley & Sons

Inc., 2017. | Revised edition of: Industrial chocolate manufacture and use /

edited by Stephen T. Beckett. 2009. | Includes bibliographical

references and index.

Identifiers: LCCN 2016040497 | ISBN 9781118780145 (cloth) | ISBN 9781118923573 (epub)

Subjects: LCSH: Chocolate. | Cocoa.

Classification: LCC TP640 .I53 2017 | DDC 664/.5–dc23 LC record available at

<https://lccn.loc.gov/2016040497>

A catalogue record for this book is available from the British Library.

Wiley also publishes its books in a variety of electronic formats. Some content that appears in print may not be available in electronic books.

Cover image: gerenme (Gettyimages), Valentyn Volkov (Shutterstock),

Shulevskyy Volodymyr (Shutterstock)

Cover design by Wiley

Set in 9.5/13pt Meridien by SPi Global, Pondicherry, India