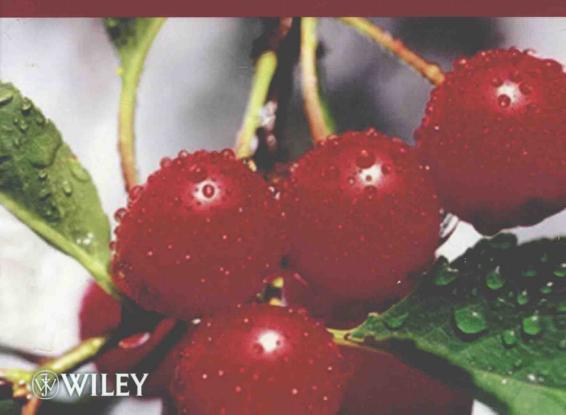
Food Regulation

Law, Science, Policy, and Practice

Neal D. Fortin, JD



FOOD REGULATION

LAW, SCIENCE, POLICY, AND PRACTICE

Neal D. Fortin, J.D.

Professor and Director, Institute for Food Law & Regulations,

Michigan State University





A JOHN WILEY & SONS, INC., PUBLICATION

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Published by John Wiley & Sons, Inc., Hoboken, New Jersey Published simultaneously in Canada

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Library of Congress Cataloging-in-Publication Data:

Fortin, Neal D.

Food regulation: law, science, policy, and practice / Neal D. Fortin.

p. cm.

Includes index.

ISBN 978-0-470-12709-4 (cloth)

Food law and legislation-United States.
 Food industry and trade-Safety regulations-United States.
 Food adulteration and inspection-United States.
 Title.

KF3875.F67 2009 344.7304'232—dc22

2008021433

Printed in the United States of America

10 9 8 7 6 5 4 3 2 1

■ SUMMARY OF CONTENTS

Part I: Introductory Chapters

- 1 Introduction to Food Regulation in the United States A short history of food and drug regulation in the United States. An overview of government agency jurisdictions and authority over food.
- **2** What Is a Food? Introduction to the Food, Drug, and Cosmetic Act (FD&C Act). What makes an article a food, a drug, a device, or a product outside the scope of the Act?

Part II: Regulation of Labeling and Claims

- **3 Food Labeling** The basic requirements of food labeling, misbranding, legal authorities, labeling terminology, affirmative label requirements, prohibited representations, deceptive packaging, warning statements, and allergens.
- 4 Nutritional Labeling, Nutrient Level Claims, and Health Claims The requirements for nutritional labeling and health claims on food plus an overview of the regulation of advertising. The Nutritional Labeling and Education Act (NLEA).
- 5 Aesthetic and Economic Adulteration Key definitions, adulteration, food (unfit for food, packaging materials), esthetic adulteration, defect action levels, GMPs, standards of identity, and economic adulteration.

Part III: Food Safety Regulation

- **6 Food Safety Regulation** Poisonous or deleterious substances, pesticides, the Delaney Clause, the Food Quality Protection Act (FQPA), foodborne illnesses, HACCP, and tampering law. Current issues in foodborne illness, such as mad cow disease.
- **7 Food Additives, Color Additives, and Irradiation** The regulation of food additives, color additives, and irradiation.

Part IV: Specialized Food Regulation

- 8 Dietary Supplements The regulation of this special class of food that is regulated neither as conventional food nor as food additives. Dietary Supplement Health and Education Act of 1994 (DSHEA), ephedrine; "street drug alternatives," and dietary supplement ads on the Internet.
- **9 Biotechnology and Genetically Engineered Organisms** The regulation biotechnology, genetically modified foods, and cloning.
- **10 Food Terrorism** A look at food security and the federal government's new bioterrorism powers.
- 11 Importation and Exportation The regulation of U.S. food imports and exports, including harmonization of domestic and foreign trade restrictions, and agency enforcement authority.

Part V: Inspection and Enforcement

- **12 Federal Enforcement** An overview of the enforcement tools of the FDA and USDA-FSIS with a focus on seizures, recalls, and penalties.
- **Inspections** An overview of the FDA and state inspections, and Fourth Amendment, and practical issues.
- **14 State Laws and Their Relationship to Federal Laws** A discussion of state enforcement, the state food and drug laws, and federal pre-emption.
- **15 Private Actions** Private causes of actions and their regulatory role.

Part VI: General Chapters

- **16 International Food Law** The implications of international trade, international treaties, and the Codex Alimentarius.
- **17 Ethics** Discussion of ethical issues in food law and in government regulation.

Knowledge is the food of the soul.
—Plato

Food regulation is a complex and fascinating field. Study in this area is richly rewarding. From a human-interest perspective, the range of products regulated touches the lives of nearly every American every day. Food regulatory issues often warrant headline news because this is a subject that commands the public's attention, whether it be a news flash on a foodborne illness outbreak or information on diet that can help one live a longer and healthier life.

In addition the regulation of food provides a snapshot of the political, social, and economic currents in our society. Thus the study of food law provides a incisive look at important policy decisions on vital aspects of people's every-day lives.

ABOUT THE TEXT

This text is designed to provide an accessible guide the United States food regulation—to be enlightening, without being light. While the text contains in-depth discussion of the federal statutes, regulations, and the regulatory agencies, the material is not dense, and remains accessible to the average reader. For this reason the text is appropriate for a wide audience of students and professionals.

A modified casebook method is used. The black letter law is livened with discussion of emerging issues and trends plus case studies that explore important issues. These materials explore not only regulation, but the science, policy, and practice. The reader is challenged to move beyond theory into application of the theory.

The focus is on the Federal Food, Drug, and Cosmetic Act (FD&C Act), 21 U.S.C. section 321 *et seq.*, and the Food and Drug Administration (FDA). A good number of the cases and references in this text are to pharmaceuticals, medical devices, and cosmetics. The FD&C Act regulates all these products, and there are commonalities in the regulatory framework for all. In fact, some

drug or medical device cases illustrate a point about food law better than any case directly about food.

This casebook presents diverse materials from pertinent sources. Commentary and context are provided as needed, but often the materials can be digested without these aids. The novice may feel challenged at first to understand the materials, but after jumping around the various writing styles and contexts, and the relative value and weight of each source should become discernable. Stay with it, and you will find that the materials become easier.

A ROAD MAP FOR READING THE MATERIALS IN THIS COURSE

In keeping with the way information is encountered in practice, not all readings in this text are equal. Some may be read quickly, while some require close scrutiny. Moreover, materials come in varying levels of formality. Some materials I have condensed to make them easier to read.

Readers new to this teaching style may be disconcerted at first. Do not let this throw you. Persist and trust your instincts, and you will find that your effort quickly pays dividends. In the end, you will learn much more than the mere rules, but develop and hone critical skills that are not only vital in legal analysis but are extremely useful in winnowing through the mountains of information available on the Internet. In addition law and regulation are not static subjects, so developing these dynamic skills will be beneficial in the end.

Here are a few tips to readers who are new to this teaching method:

- 1. Review your road map of each chapter. Review the chapter title, the other headings, and the table of contents before reading. These will provide you with an overview of how the chapter material relates to the overall text
- 2. Put the material in context. Note the source of the material quoted. Who wrote the material will tell you what type of perspective is offered. Often regulations reconcile conflicting interests, and understanding both sides can be key to a complete picture. Note the date when the material was written, as the date may indicate that the material is provided for historical perspective, or that part of the information may be pertinent but part may be outdated.
- 3. The statutes and regulations are the primary source of our food law. That is, food regulatory law is largely bound by statutes and regulations. Therefore these materials should be the beginning of your research to answer a food law question. Often a problem is solved by examination of the statutory definitions (particularly key definitions, e.g., food, drug, misbranding, and adulterated).

4. In reading the cases, develop the ability to understand how the court reasoned through the conflict to a solution. Identify the particular factors used by the court to decide the case the way it did. Check to see if those factors are present in a problem with which you are dealing. If the factors are not present, then ask yourself if that justifies a different result. If there are any changes in the social or economic conditions that surrounded an earlier decision, ask how that affects the problem now at hand.

In short, learn to analyze the materials, rather than merely read and memorize rules.

EDITING

I have edited out the footnotes and citations from most of the cases. Remaining footnotes may be renumbered with my own footnotes. Unless otherwise indicated, any footnotes with cases are those of the court. In addition materials may be edited for typographic style without notation in the text.

STATUTORY RESEARCH USING THE FEDERAL REGISTER, CFRs, AND STATUTES

Food regulation in the United States is primarily based on statutory law. So it is generally best to read or review the statutory language before reading the cases and secondary materials, which serve mainly to explain statutory issues. When reading the statutes or regulations, be sure that you also review the definitions of defined terms used—particularly the key definitions in section 201 [321], such as "food" and "drug," and the definitions of "adulterated" and "misbranded." In addition, when reading the statutory language, obtain at least a general idea of what is covered by any statutory cross-references.

A NOTE ON STATUTE CITATIONS

All federal statutes in force in the United States are codified in the United States Code (U.S.C.). The U.S.C. is organized into subject matter titles with numbering that is unique from the section numbering in the statutes as they were enacted into the public acts. For example, section 1 of the Food, Drug, and Cosmetic Act is codified as 21 U.S.C. § 301. You may also find this section cited with one or the other or both reference numbers, such as "Sec. 1 [301]."

xxvi PREFACE

Statutory citations used in this material are to the FD&C Act statutory sections (which is the way practitioners refer to them). The citation within the brackets is the U.S.C. number. Nonetheless, occasionally you will see reference to a United States Code citation.

FD&C ACT REFERENCES

Four free online locations for reference to the FD&C Act follow:

Cornell's LII: www4.law.cornell.edu/uscode/21/ch9.html

FDA: www.fda.gov/opacom/laws/fdcact/fdctoc.htm

GPO Access: http://www.gpoaccess.gov/uscode/index.html

University of Virginia: www.uvm.edu/nusc/nusc237/ffdcatc.html

Of course, Westlaw and Lexis-Nexis provide access to the most up to date text of the FD&C Act.

DISCUSSION QUESTIONS

The Discussion Questions are designed to encourage thought on the material presented or for class discussion. Often there is not a right or wrong answer but multiple viewpoints on these issues or public policy questions. A great deal of insight can be gained by having candid discussions of these different perspectives.

PROBLEM EXERCISES

The Problem Exercises are designed to encourage critical thinking. They take on a variety of forms, but usually revolve around a public policy question in food law.

INTERNET CITATIONS

The fluid nature of Internet addresses creates difficulty for a textbook of this nature. The food regulation information available on the Internet is far too valuable not to include many Internet addresses. Inevitably, however, some of these addresses will have changed or the documents will have been removed within days of this book's printing.

However, learning what *types* of materials are available is more valuable than finding a specific document. When you find a broken Internet address,

take the opportunity to use search engines to find the new location, or to find similar material on the Web.

In the types of materials reference in this text, most of the broken Internet addresses result from reorganization of large document repositories. If search engines cannot find a particular document—and you believe it contains vital information—you may be able to find the document using Internet archives.\(^1\) Nonetheless, this text offers a complete and appetizing menu for understanding food regulation in the United States.

CITATION FORMAT

Citations in this text generally follow *The Bluebook: A Uniform System of Citation (18th Ed.)*. However, some conventions are modified to save space and repetition.

I hope you find this text offers a complete and appetizing menu for understanding food regulation in the United States.

¹ For example, the Wayback Machine, which contains 55 billion Web pages archived from 1996, available at: http://www.archive.org/web/web.php (last accessed Sept. 12, 2006).

ACKNOWLEDGMENTS

It is impossible to write a text of this nature without owing many people a debt of gratitude. I cannot begin to list you all, but extend a thank you to everyone who furthered my scholarship on food law. I also wish to acknowledge:

- **P. Vincent Hegarty**, a great mentor and scholar, who first hired me to teach food law, and unwittingly launched this endeavor.
- **Peter Barton Hutt** and **Richard A. Merrill**, co-authors of Food and Drug Law: Cases and Materials (1st and 2nd editions), are deans of food and drug law scholarship, and I am indebted to their work.
- **Caren Wilcox**, a guest instructor in my food regulation in the U.S. course, provided me with insight into the problems of bioterrorism.
- **Elijah Milne**, a gifted writer and brilliant student, provided invaluable editorial support and legal research for this book.
- My wife, Kathy, and daughter, Helen, supported me through the many months of writing, without which this book would never have been finished.

The following publishers, journals, and authors are thanked for their generosity in granting permission for me to publish excerpts from the following publications:

- Consumers Union of U.S., Inc.: The Truth about Irradiated Meat, Consumer Reports 34–37 (Aug. 2003).
- Food and Drug Law Institute: Neal Fortin, *The Hang-up with HACCP: The Resistance to Translating Science into Food Safety Law*, 58 Food and Drug Law Journal 565–594 (2003).
- International Food Information Council: FDA/IFIC, Food Additives (1992).
- Journal of Food Law and Policy: Neal Fortin, *Is a Picture Worth More Than 1,000 Words?* 1 Journal of Food Law and Policy 239–268 (Fall 2005).
- Thompson-West: James T. O'Reilly, Food and Drug Administration (2d ed. 2004).

XXIX

TABLE OF CONTENTS

SUMMA	ARY C	OF CONTENTS	xxi
PREFACE			xxiii
ACKNOWLEDGMENTS			xxix
PART I	: INT	RODUCTORY CHAPTERS	1
1. Intro	oductio	on to Food Regulation in the United States	3
1.1	Intro	duction	3
1.2	A Sho	ort History of Food Regulation in the United States	3
	1.2.1	Why Do We Have Food Laws?	3
		The 1906 Pure Food and Drug Act	5
	1.2.3	Evolution of the Food Statutes	6
1.3	The U	J.S. Legal System	8
		The Constitution	9
	1.3.2	Statutes	9
	1.3.3	Regulations	10
	1.3.4	Case Law and Common Law	10
	1.3.5	Federalism	11
1.4	1.4 Agency Procedural Regulation		
	1.4.1	The Administrative Procedure Act	14
	1.4.2	Rulemaking	14
	1.4.3	Adjudication	15
	1.4.4	Judicial Review	16
		Federal Advisory Committee Act (FACA)	16
		Freedom of Information Act (FOIA)	17
	1.4.7	5 3	17
1.5	Agen	cy Jurisdiction	23
	1.5.1	THE R. P. LEWIS CO., LANSING MANAGEMENT AND PROPERTY OF	24
	1.5.2		24
		USDA Food Safety and Inspection Service (FSIS)	25
		U.S. Environmental Protection Agency	25
	1.5.5	National Marine Fisheries Service (NMFS)	26
			vii

VIII TABLE OF CONTENTS

	1.5.6	Alcohol and Tobacco Tax and Trade Bureau (TTB)	26	
	1.5.7	U.S. Customs Service	26	
	1.5.8	U.S. Department of Justice	27	
	1.5.9	Federal Trade Commission	27	
	1.5.10	State and Local Governments	28	
1.6	Major	Federal Laws	29	
	1.6.1	The Statutes	29	
	1.6.2	Other Statutes	30	
	1.6.3	The Regulations	31	
1.7	Inforn	national Resources	32	
	1.7.1	Government Agencies	32	
	1.7.2	Associations and Trade Groups	32	
	1.7.3	Other Sources	32	
Ap	pendix		33	
2. Wh	at Is a I	Food?	35	
2.1	Introd	luction to the Food, Drug, and Cosmetic Act	35	
	2.1.1	Definitions	35	
	2.1.2	FDA's Jurisdiction and the Definition of Food	38	
	2.1.3	Specific Food Classifications	39	
2.2		Makes an Article a Food or a Drug?	40 40	
7.000 muni	Nutrilabs, Inc. v. Schweiker			
2.3		Central Role of Intended Use	43	
2.4	Other	Considerations	44	
	2.4.1	Products Ordinarily Considered Foods	44	
	2.4.2	Products Intended to Be Processed into Food	45	
	2.4.3	Products No Longer Fit for Food	45	
	2.4.4	Packaging Materials	45	
	2.4.5	Evidence of Intended Use	46	
PART	II. DE	EGULATION OF LABELING AND CLAIMS	47	
IANI	II. KE	GOLATION OF LABELING AND CLAIMS	47	
3. Fo	od Labe	ling	49	
3.1	Introd	luction	49	
3.2	Legal	Authorities	50	
3.3	Labeli	ing Terminology	51	
	3.3.1	Label versus Labeling	52	
	3.3.2	The Scope of Labeling	53	
		Kordel v. United States	53	
	3.3.3	Labeling versus Food Advertising	56	
	3.3.4	The Internet and Labeling	57	

			TA	BLE OF CONTENTS	ix
	3.4	Affirma	ntive Label Requirements		59
		3.4.1	Principle Display Panel (PDP)		59
		3.4.2	Information Panel		59
		3.4.3	Statement of Identity		60
			Federation of Homemakers v. Butz		61
		3.4.4	Net Quantity		65
		3.4.5	Ingredient Labeling		67
		3.4.6	Name and Address of the Responsible	Party	70
		3.4.7	Product Dates and Codes		71
	3.5	Misbrai	nded Food: Prohibited Representations		71
		3.5.1	Section 403 on Misbranded Food		71
			United States v. 95 Barrels of Alleged A	pple	
			Cider		74
		3.5.2	False or Misleading as a Matter of Law		77
			United States v. 432 Cartons Individuall	y Wrapped	
			Candy Lollipops		78
	3.6	Decept	ive Packaging		80
		United	States v. 174 Cases Delson Thin Mints		80
	3.7		g Statements: Products Requiring Warn	ing Labels	82
		3.8 Allergens			85
	3.9 Alcoholic Beverages				88
		3.9.1	Wine Coolers versus Flavored Wine		89
		3.9.2	A Double Standard		89
	3.10	USDA			90
		3.10.1	Labeling Approval		90
		3.10.2	"Generic" Approvals (Labels without I	Prior	
			Approval)		90
		3.10.3	Safe Food-Handling Instructions		90
			Additional Information Required		90
		3.10.5	Record Keeping		91
	3.11	Option	al Label Information		91
		3.11.1	Health Claims and Nutrient Level Claim	ms	91
		3.11.2	Grades		91
		3.11.3	Trademarks and Copyrights		91
		3.11.4	Religious Symbols		92
		3.11.5	Universal Product Code		92
		3.11.6	Organic		92
4.	Nutri	tional L	abeling, Nutrient Level Claims, and		
		th Claims			93
	4.1	Introduction			93
	1.1	4.1.1	Nutrition and Public Health Expenditu	rac	94
		7.1.1	National and Luone Health Expenditu	103	74

		4.1.2		95 95	
	Pelman et al. v. McDonald's Corp.				
	4.2				
3	4.3	Nutrient Level Claims			
		4.3.1	Meals and Main Dishes	106	
		4.3.2		106	
			Healthy	106	
	4.4		tion Panel Format	106	
9	4.5	Trans		111	
		4.5.1	Background on <i>Trans</i> Fat	112	
		4.5.2	Petition to Ban Hydrogenated Oil	112	
		4.5.3	Highlights of the <i>Trans</i> Fat Rule	113 113	
	4.6	6 Health Claims			
			General Well-Being Claims	114	
			Classical Nutrient-Deficiency Disease and Nutrition	115	
		4.6.3	Structure-Function Claims	115	
		4.6.4		116	
		4.6.5	Authoritative Statements—FDA Modernization	124	
		4.6.6	Act of 1997 Qualified Claims—After Pearson v. Shalala	124 125	
		4.0.0	Pearson v. Shalala	123	
		4.6.7	Nutritional Claims Grading Proposed	138	
		4.6.8	Substantiation of Claims	139	
	4.7	NLE	A and Restaurants	142	
			c Citizen and CPSI v. Shalala	142	
	4.8		rtising	145	
		4.8.1	Federal Trade Commission	145	
		4.8.2	Deceptive Advertising and Unfairness	146	
		4.8.3	Overview of Other Regulatory Aspects		
			of Advertising	146	
5.	Eco	nomic	and Aesthetic Adulteration	149	
	5.1	Intro	duction	149	
	5.2	Defin		149	
		5.2.1	Food	149	
			Adulterated	150	
		5.2.3	Misbranded	151	
	5.3	Food	Standards: Regulation of Food Identity and Quality	152	
		5.3.1	Historical Overview	153	
		5.3.2	FD&C Act § 401, Power to Set Food Standards		
			of Identity	157	

TABLE OF CONTENTS	χi
-------------------	----

		Corn Products Co. v. Dept. of HEW	101
		Libby, McNeil & Libby v. United States	166
	5.3.3	Current Issue	169
	5.3.4	Penalties	169
	5.3.5	Temporary Marketing Permits	169
5.4	Sanita	ation and Aesthetic Adulteration	170
	U.S. v.	. 1,500 Cases Tomato Paste	170
	5.4.1	GMPs	173
	5.4.2	Waiter, There's a Fly in My Soup—FDA Defect	
		Action Levels	174
	5.4.3	The FDA Food Defect Level Handbook	175
	5.4.4	Blending	179
	5.4.5	De minimis Filth	179
		United States v. 484 Bags, More or Less	179
		United States v. Capital City Foods, Inc.	181
	5.4.6	Decomposition	183
		United States v. An Article of Food 915 Cartons	100
	5 4 7	of Frog Legs	183
	5.4.7	Insanitary Conditions	186
		U.S. v. 1,200 Cans Pasteurized Whole Eggs by Frigid Food Products	107
	5.4.8	Good Manufacturing Practices (GMPs)	187 189
	3.4.0	United States v. Nova Scotia Food Products Corp.	189
	5.4.9	Otherwise Unfit for Food	194
PART	III: F	OOD SAFETY REGULATION	195
6. Foo	d Safe	ty Regulation	197
6.1	Intro	duction	197
	6.1.1	Background—The Nature and Cost of Foodborne	
	0.1.1	Illness	198
	6.1.2	Poisonous and Deleterious Substances	200
	6.1.3	Added Substances	201
		United States v. Lexington Mill & Elevator Co.	
		232 U.S. 399 (1914)	201
	6.1.4	Nonadded Substances	204
		U.S. v. 1,231 Cases American Beauty Brand Oysters	204
	6.1.5	Tolerances for Unavoidable or Necessary	
		Poisonous and Deleterious Substances	208
		Young v. Community Nutrition Institute et al.	209
6.2	Pesti	cide Residues	212

		6.2.1	FIFRA and EPA	213
		6.2.2	FQPA and Risk Assessment	213
	6.3	Envir	onmental Contaminants	214
		United	d States v. Anderson Seafoods, Inc.	215
	6.4	Tamp	ering: The Anti-tampering Act	220
	6.5	Carcin	nogens: The Delaney Clause	221
		Scott	v. FDA	222
			c Citizen v. Young	225
	6.6	HAC	CP	240
		6.6.1	HACCP's History	241
		6.6.2	The Advantages of HACCP	241
		6.6.3	The Nature and Cost of Foodborne Illness	242
			Supreme Beef Processors, Inc. v. USDA	245
7]	Food	l Addit	tives, Food Colorings, Irradiation	253
	7.1	Introd	duction	253
	7.2		ground	253
	7.3	Food Additives		
		7.3.1	The Food Additive Amendment of 1958	260 261
		7.3.2	FD&C Act Definition	262
		7.3.3	Additive Safety and Approval	264
		7.3.4	Prior Sanctioned Substances	266
		7.3.5	GRAS (Generally Recognized as Safe)	267
		7.3.6	Proving GRAS Status	268
			United States v. An Article of Food, Coco Rico, Inc.	268
		7.3.7	Indirect Additives	272
			Natick Paperboard Corp. v. Casper Weinberger	
			and FDA	273
		7.3.8	The FDA Modernization Act of 1997 (FDAMA)	277
		7.3.9	MSG	278
		7.3.10		283
		7.3.11	Botanicals and Other Novel Ingredients	289
	7.4	Color	Additives	293
		7.4.1	Color Additive Amendments	293
			Provisional Listing United States v. An Article of Food Consisting of 12 Barrels Lumpfish Roe	294 302
	7.5	Food	Irradiation	306
		7.5.1	Irradiation as a Food Additive under FD&C Act	306
		7.5.2	Labeling	313
		7.5.3	Agricultural Pests	314
		1.5.5	1 1611041141111 1 0010	314