

**Cosmetic and
Toiletry Formulations**

Second Edition

Volume 3

Ernest W. Flick

np

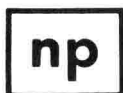
COSMETIC AND TOILETRY FORMULATIONS

Second Edition

Volume 3

by

Ernest W. Flick



NOYES PUBLICATIONS
Park Ridge, New Jersey, U.S.A.

Copyright © 1995 by Ernest W. Flick

No part of this book may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without permission in writing from the Publisher.

Library of Congress Catalog Card Number 89-39099

ISBN 0-8155-1367

Printed in the United States

Published in the United States of America by

Noyes Publications

Mill Road, Park Ridge, New Jersey 07656

Library of Congress Cataloging-in-Publication Data
(Revised for vol. 3)

Flick, Ernest W.

Cosmetic and toiletry formulations.

1. Cosmetics. 2. Toilet preparations.

I. Title.

TP983.F55 1989 668'.55 89-39099

ISBN 0-8155-1218-X (v. 1)

ISBN 0-8155-1306-2 (v. 2)

ISBN 0-8155-1367-4 (v. 3)

COSMETIC AND TOILETRY FORMULATIONS

Preface

This book contains 775 cosmetic and toiletry formulations, based on information received from numerous industrial companies and other organizations. This is Volume 3 of the Second Edition of this work; Volume 1 was published in 1989. Volume 2 was published in 1992. There are no duplications in any of these volumes.

The data represent selections from manufacturers' descriptions made at no cost to, nor influence from, the makers or distributors of these materials. Only the most recent formulas have been included. It is believed that all of the trademarked raw materials listed are currently available, which will be of interest to readers concerned with raw material discontinuances.

The 1989 market for cosmetic and toiletry raw materials was \$1.6 billion. That market is projected to increase to close to \$2.0 billion by 1995, thus making the information in the book particularly interesting to anyone considering new products or process variations.

Each formulation in the book is identified by a description of end use. The formulations include the following as available, in the manufacturer's own words: a listing of each raw material contained; the percent by weight of each raw material; suggested formulation procedure; and the formula source, which is the company or organization that supplied the formula. The book is divided into the following 13 sections:

- I. Antiperspirants and Deodorants
- II. Baby Products
- III. Bath and Shower Products
- IV. Beauty Aids
- V. Creams
- VI. Hair Care Products
- VII. Insect Repellents
- VIII. Lotions
- IX. Shampoos
- X. Shaving Products
- XI. Soaps and Hand Cleaners
- XII. Sun Care Products
- XIII. Miscellaneous

Each formula is indexed in the section which is most applicable. The reader seeking a formula for a specific end use should check each section which could possibly apply.

In addition to the above, there are two other sections that will be helpful to the reader:

- XIV. Traded-Named Raw Materials. Each raw material is listed with a brief chemical description and the name of the raw material supplier.
- XV. Suppliers' Addresses. Addresses of suppliers of trade-named raw materials and/or formulations, some of which are not available in the usual reference books.

It should be noted that some formulations in the book are translations. The manufacturer's exact wording has been used in these cases. Occasionally different companies have listed the same raw material differently; it is hoped that the reader will be able to identify the same or similar raw materials by consulting the Trade-Named Raw Materials section.

The table of contents of the book is organized in such a way as to serve as a subject index.

My fullest appreciation is expressed to the companies and organizations which supplied the information included in this book.

September 1994

Ernest W. Flick

Notice

To the best of our knowledge the information in this publication is accurate; however, the Publisher does not assume any responsibility or liability for the accuracy or completeness of, or consequences arising from, such information. This book does not purport to contain detailed user instructions, and by its range and scope could not possibly do so. Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the Author or Publisher.

Cosmetic and toiletry raw materials could be toxic or cause allergies in some circumstances, and, therefore, due caution should always be exercised in the use of potentially hazardous materials and the manufacturing processes involved. Final determination of the suitability of any information or product for use contemplated by any user, and the manner of that use, is the sole responsibility of the user. We strongly recommend that users seek and adhere to a manufacturer's or supplier's current instructions for handling each material they use.

The Author and Publisher have used their best efforts to include only the most recent data available. The reader is cautioned to consult the supplier in case of questions regarding current availability.

Contents and Subject Index

SECTION I: ANTIPERSPIRANTS AND DEODORANTS	1
Antiperspirant Lotion	2
Roll-On Antiperspirant	2
Antiperspirant Stick	3
Antiperspirant Gel	3
Clear Roll-On Antiperspirant	4
Antiperspirant Lotion	4
Deodorant Cologne	5
Deodorant Spray (Pump Dispensing)	5
Deodorant Stick Without Alcohol	6
Antiperspirant Cream	6
Antiperspirant Gel	6
Deodorant Stick	7
Deodorant Cream	7
Deodorant Stick	8
Glycerin-Based Deodorant Gel	8
Liquid Antiperspirant Emulsion	9
Stick Deodorant	9
Dry Roll-On Antiperspirant(s)	10
Nonwhitening Antiperspirant Solid(s)	11
Antiperspirant Solid	12
"Roll-On" Deodorant Antiperspirant	13
Deodorant Antiperspirant Stick	13
Solid Stick Antiperspirant(s)	14
SECTION II: BABY PRODUCTS	15
Baby Bath(s)	16
Baby Lotion(s)	17
Baby Lotion Mousse with Panthenol, Vitamin E and Sunscreens	18
Baby Skin Lotion	19
Baby Cream	19
Baby Oil(s)	20
Baby Shampoo	21

Protein Baby Shampoo	21
Baby Shampoo—Regular	22
Baby Shampoo—Soft Conditioning	22
Baby Shampoo	23
Diaper Cream (W/O Emulsion)	23
Baby Skin Treatment Ointment	24
Pearlized Baby Wash Emulsion	24
Mild Baby Shampoo	25
Low Cost Baby Shampoo	25
Skin Cream(s) for Babies	26
SECTION III: BATH AND SHOWER PRODUCTS	28
After Bath Freshener	29
After Bath Splash	29
Bath Gel(s)	30
Mild Bubble Bath	32
Blooming Bath Oil(s)	32
Floating Bath Oil	34
Blooming Emollient Bath Oil	35
Low Foaming Bath Oil	35
Blooming Bath Oil with Shebu	36
Blooming Bath Oil(s)	36
Mild Bath Foam	37
Body Shampoo(s)	38
Refreshing Body Splash	39
Bubble Bath Powder(s)	40
Deodorant Foaming Bath Oil	41
Foam Bath	41
Emollient Foaming Bath Gel	42
European Style Bath Gel	42
Enriched Bath/Shower Gel	43
High Foaming Shower Gel	43
Liquid Bubble Bath	44
Bubble Bath	44
Liquid Bubble Bath	45
Shower Gel with Emollient	45
Moisturizing Bath Foam	46
Floating Bath Oil	46
Pearlized Head to Toe Cleanser	47
After-Bath Splash	47
Premium Bubble Bath	48
Silky Bubble Bath	48
Shower Bath(s)	49
Shower Gel(s)	51

Shower Soap	52
Silky Bubble Bath	53
Bubble Bath	53
Low Cost Bubble Bath	53
Skin Conditioner Bath Gelee(s)	54
Skin Softening Bath Oil	55
Soothing Bath Oil	55
Skin Treatment Bath Oil	56
Spreading Bath Oil with Vitamin E	56
SECTION IV: BEAUTY AIDS	57
Active Cleanser	58
Cleanser	58
Alcoholic Splash Toner	59
Non-Alcoholic Splash Toner	59
Aqua Gel	60
Velvety Dusting Powder	60
Body Powder Mousse with Panthenol and Vitamin E	61
Nail Conditioner with Panthenol	61
Concealer	62
Face Bronzer Pressed Powder	62
Conditioning Skin Mousse	63
Penetrating Moisturizer (Pump)	63
Crayon Eyeshadow	64
Emulsion Cream Eyeshadow	64
Cream Eye Shadow(s)	65
Velvety Pressed Powder Eyeshadow	66
Cream Make-Up	67
Creamy Blusher	68
Creamy Pearl Blush	69
Shimmering Pearl Pressed Powder Blush	69
Cutical Conditioner(s)	70
Dark Beige Liquid Makeup	71
Dual Face Powder	72
Silky Face Powder	72
Emulsion Cream Mascara	73
Waterproof Mascara	73
Facial Cleanser	74
Face Gel with Sulfur	74
Facial Cleanser	75
Nail Strengthening Composition	75
Facial Cleanser	76
Temporary Wrinkle Remover	76
Foot Cooling Gel(s)	77

Gel-Blush Frost	78
Blush Stick	78
Gentle Beauty Wash	79
Moisturizing Gel	79
Glossy Lipstick	80
Soft Lipstick	80
Ice Gel	81
Liposome Gel	81
Lip Balm(s)	82
Creamy Lipstick Base	82
Lip Glaze	83
Medium Lipstick	83
Lip Gloss	84
Lip Balm with Shebu	84
Lip Pot(s)	85
Lipsome Eye Treatment	86
Detergent Cleansing Gel	86
Lipstick	87
Lipstick "Elance" with Sunscreen	88
Firm Lipstick	88
Liquid Eye Liner(s)	89
Sheer Satin Pressed Powder Eyeshadow	90
Liquid Frosted Blusher	91
Liquid Make-Up	92
Earthtone Make-Up Powder	93
Long Wearing Creamy Lipstick	94
Lipstick Base	94
Long Wearing Pressed Eyeshadow	95
Gel Eye Makeup Remover	95
Low Alcohol Moisturizing Lotion	96
Shave Gel	96
Make-Up Base	97
Glitter Gel	97
"Matte-Finished" Make-Up	98
Deep-Penetrating, Conditioning Mascara	98
Moisturizer	99
Moisturizing Gel	99
Moisturizer with Sun Screen	100
Multi-Protective Skin Moisturizer (Cationic)	101
Conditioning Facial Cleanser	101
Natural Cleanser	102
Water-in-Oil Emulsion Base	102
Nongreasy Body Oil	103
Emollient Body Oil	103

Perfume Gel	104
Placenta Gel	104
Poured Eyeshadow	105
Frosted Pressed Powder Eyeshadow	105
Pressed Lip Powder	106
Lip Gloss with Sunscreen	106
Shebu Lip Moisturizer	107
Moisturizing Lip Pot	107
Sheer Leg Make-Up	108
Sparkling Ruby Nail Enamel	108
Silky Pressed Powder Eyeshadow	109
"Touch of Velvet" Eye Shadow	109
Skin Conditioning Mousse	110
Make-Up Remover	110
Skin Guardian	111
Skin Mousse with Shebu for Dry Skin	112
Skin Smoother and Moisturizer with Shea Butter and Collagen ...	112
Skin Toner	113
Toner	113
"Slender" Stick Eyeshadow	114
Loose Powder Eyeshadow	114
Sprayable Moisturizer	115
Moisturizing Gelee with Pseudocollagen	115
Temporary Wrinkle Remover(s)	116
Cuticle Remover	117
Vitamin A Eye Gel	118
Cuticle Coating	118
Water Resistant Mascara	119
W/O Liquid Makeup	120
W/O Liquid Makeup (Cold Mix Formula)	120
W/O Liquid Makeup—Oil Free	121
Liquid Hand and Facial Cleanser	121
SECTION V: CREAMS	122
All Purpose Cream	123
Foundation Cream	123
All-Purpose Dry Skin Cream	124
Therapeutic Humectant Creme	124
All Purpose Moisturizing Cream	125
Anti-Inflammatory Cream	126
Oil in Water Cream	126
Balancing Cream for Oily Skin	127
Barrier Cream(s)	128
Barrier Cream—Cold Mix Formula	129

Emollient Cream (W/O Emulsion)	129
Cleansing Cream(s) (W/O Emulsion)	130
Cocoa Butter Skin Cream	131
Moisturizing Cream	131
Cold Cream	132
Dry Skin Cream	132
Emollient Cream	132
Collagen Cleansing Cream	133
Collagen Facial Washing Cream	133
Cream	134
Day Cream	135
Skin Cream	135
Dihydroxyacetone Cream (W/O Emulsion)	136
Cleansing Cream	136
Dry Skin Treatment Cream	137
Dry Skin Night Cream	137
Emollient Vanishing Cream	138
Environmental Protective Cream	139
Therapeutic Humectant Creme	139
European Night Cream	140
Hand Cream	140
Extra Body Conditioning Cream	141
Lecithin Cream (W/O Emulsion)	141
Greaseless Hand Cream	142
W/O Night Creme	142
Hand Cream	143
Hand and Nail Cream	144
Hand Cream	144
Hydroquinone Bleach Cream	145
Moisturizing Cream(s)	146
Moisturizing Cream—Oil-Free	147
Moisturizing Cream—Cold Process W/O	148
Silicone Skin Protection Cream (W/O Emulsion)	148
Moisturizing Cream with Aloe Vera	149
Multivitamin Moisturizing Cream	150
Multivitamin Night Cream	151
Night Cream	152
Facial Moisture Creme	152
Night Cream	153
Light Texture Hand Creme	153
O/W Hand Cream(s)	154
Pearly Foundation Cream	156
Protective Day Cream for Normal Skin	157
Skin Conditioning Cream	158

Greaseless Night Cream	158
Skin Cream(s)	159
Dry Skin Cream	160
Throat and Neck Cream	161
Night Time Moisturizing Cream	161
Under Make-Up Cream Base	162
Cleansing Cream	162
Vitamin Replenishing Cream	163
W/O Body Cream(s)	164
W/O Hand and Body Cream(s)	165
W/O Massage Cream—Hot Process	167
W/O Massage Cream—Cold Process	167
Water/Oil Moisturizing Night Cream with a High Oil Content	168
Night Creme	168
SECTION VI: HAIR CARE PRODUCTS	169
Alcohol-Free Pump Hairspray(s)	170
Hair Moisturizing Spray	170
Alkalizing of Hair	171
Clear Conditioner(s)	172
Cream Rinse Conditioner	175
Cream Rinse Conditioner	175
Clear Conditioner	176
Foaming Anti-Dandruff Hair Conditioner	176
Clear Conditioning Rinse	177
Conditioning Mousse for Hair	177
Clear Gel Activator/Conditioner	178
Gel Activator	178
Clear Hair Reparative and Conditioner	179
Hot Oil Treatment	179
Clear Oil-Free Hair Conditioner Gel	180
Clear Dilutable Gel	180
Conditioner Hair Cream	181
Conditioner Hair Lotion	181
Conditioner Rinse	182
Hair Conditioning Rinse	182
Conditioner That Shampoos	183
Creme Rinse Protein Conditioner	183
Conditioning Hair Pomade	184
Finishing Lotion	184
Conditioning Hair Setting Gel	185
Hot Oil Treatment	185
Conditioning Hair Spritz	186
Emollient Glossing Spritz	186

Conditioning Spritz	187
Hair Conditioner	187
Cream Conditioner for Permanent-Waved Hair	188
Dry and Damaged Hair Conditioner	188
Cream Curl Activator	189
Cream Rinse	190
Replenishing Cream Rinse	190
Creme Rinse Economy—Pearlescent	191
Creme Rinse Economy—Opaque	191
Curl Activator Gel	192
Penetrating Gel Base for Hair Products	192
Deep Hair Conditioner with Cholesterol	193
Sheen Type Hair Conditioner	193
Detangling Sheen Conditioner (Pump-Spray)	194
Clear Hair Rinse and Conditioner	194
Elastic Curl Activator/Conditioner	195
Spray Curl Activator	195
Enriched Cream Conditioner	196
Pump Spray Conditioner	196
Glossing Hair Conditioner	197
Cream Hair Conditioner	197
Guanidine No Base Relaxer	198
Hair Relaxer	198
Hair Conditioner(s)	199
Cold-Mix Hair Conditioner	200
Hair Conditioner with Protein	201
Clear Crothix Conditioner	201
Hair Conditioner and Set (for Use with Hot Air Dryer)	202
Conditioning-Styling Mousse	202
Hair Conditioning Creme Rinse	203
Curl Activator	203
Hair Finishing Mist	204
Comb Through Glosser	204
Hair Pomade(s)	205
Hair Relaxer(s)	207
Hair Repair and Conditioner	208
Soft Set Conditioning Mousse	208
Hair and Scalp Conditioner	209
Light Hair Conditioner	209
Hair Setting Gel	210
Hair Gel	210
Hair Setting Lotions Containing a Chitosan Derivative	211
Hair Styling Gel with Oil	212
Hair Setting Gel	212

Highlighting Hair Gel	213
Instant Hair Conditioner(s)	214
Liquid Brilliantine	215
Solid Brilliantine(s)	215
Lotion Moisturizer	216
Oil Moisturizer Lotion	216
Moisturizing Conditioner	217
Clear Hair Conditioner	217
Moisturizing Elastin Hair Styling Gel	218
Pump Spray Hair Detangler	218
Opaque Hair and Scalp Moisturizer	219
Hair Moisturizer	219
Pomade(s)	220
Pomade with Lanolin	220
Pomade with Protein	220
Pomade Hair Dressing	221
Pomade Stick	221
Professional Extra-Strength Relaxer	222
Professional No Base Relaxer C	222
Relaxer(s)	223
Ringing Gel(s)	224
Sculpting Gel	225
Pump Gel Setting Lotion	225
Sea Botanical and Herbal Hard to Hold Styling Gel	236
Sea Botanical and Herbal Hard to Hold Styling Gel (Alcohol-Free)	226
Sea Botanical and Herbal Hard to Hold Styling Gel (TEA-Free)	227
Styling Gel with Protein	227
Spray-On Detangler	228
Spray Detangler	228
Two Phase Conditioner	229
Instant Conditioner	229
SECTION VII: INSECT REPELLENTS	230
Gelled DEET(s)	232
Pyroicide and MGK Intermediates	234
Repellent Stick	236
Repellent Roll-On	236
Spray Pump Formulations	237
Specimen Label(s)	239
Pressurized Insect Repellent Spray	239
Liquid Insect Repellent	239
Saturated Paper Towel Repellent	240

Insect Repellent Gel	240
Insect Repellent Stick	240
Insect Repellent Cream	241
Pyrocidic and MGK Intermediate	241
General Formulation Information for Pressurized Spray	242
SECTION VIII: LOTIONS	243
Aloe Lotion	244
Keri-Type Lotion	244
All Purpose Skin Lotion	245
Lotion for Normal-Oily Skin	245
Body Lotion	246
Behenyl Hand Lotion	246
Body Massage Lotion	247
Temporary Anti-Wrinkle Lotion	247
Cationic Conditioning Lotion	248
Hand and Body Lotion	248
Cleansing Lotion(s)	249
Cold Mix—W/O Emulsion Dihydroxyacetone Lotion	251
Skin Softening Lotion (W/O Emulsion—Cold Process)	251
Hand and Body Lotion(s)	252
High Humectant Lotion	254
Fragrance Lotion	254
Lotion	255
Body Lotion	255
Lotion	256
Hand Lotion	256
Lotion	257
Hand and Body Lotion	257
Low Solids Anionic Lotion	258
Cationic Lotion	258
Lubriderm Type Lotion	259
Lubriderm Type Lotion with 1% Patlac IL	259
Moisturizing Lotion(s)	260
Moisturizing Lotion(s) (Cold Preparation)	262
Moisturizing Lotion	263
Deep Moisturizing Lotion	263
Moisturizing Lotion(s)	264
Moisturizing Cleansing Lotion	265
Light Emollient Lotion with Pseudocollagen	265
Moisturizing Cleansing Lotion	266
Pourable Moisturizing Lotion	266
Multivitamin Hand and Body Lotion	267
Nonionic Hand Lotion with Chlorhexidine Gluconate	268

Deodorizing Hand Lotion	268
Nonionic Hand Lotions with Chlorhexidine Gluconate	269
O/W Hand and Body Lotion(s)	270
Pearl Premix	271
Clear Dilutable Gel	271
Protective Hand and Body Lotion	272
Protective Skin Lotion	273
Silicone Lotion (Water/Oil)	273
Rich Moisturizing Skin Lotion	274
Light Emollient Lotion with Pseudocollagen	274
Silky Hand Lotion with Silicone	275
Hand and Body Lotion	275
Skin Lotion	276
Hand and Body Lotion(s)	276
W/O Alcohol Lotion(s)	277
SECTION IX: SHAMPOOS	278
Aloe Shampoo and Body Wash	279
Deodorizing Shampoo	279
Amide Free Viscous Clear Shampoo with Pationic ISL	280
Low Irritation/Sting Shampoo with Pationic 138C	280
Amide Free Viscous Clear Shampoo with R.I.T.A. Complex A and B	281
Amphoteric Shampoo with Sunscreen	282
Conditioning Shampoo	282
Anti-Dandruff Shampoo(s)	283
Conditioning Gel Shampoo	286
Anti-Dandruff Shampoo	287
Viscous, Low Cost Shampoo	287
Cleansing Shampoo	288
Gentle Cleansing Shampoo	288
Clear Conditioning Shampoo	289
Clear Protein Shampoo	290
Clear Conditioning Shampoo(s)	290
Clear Bar Conditioning Shampoo	292
Clear Shampoo(s)	293
Clear Shampoo for Oily Hair	294
Clear Shampoo for Normal to Dry Hair	294
Clear Viscous Shampoo	295
Every Day Shampoo	295
Conditioning Mousse Shampoo with Vitamins	296
Vitamin Moisturizing Shampoo	296
Conditioning Shampoo(s)	297
Conditioning/Highlighting Shampoo	299