

<b>INTRODUCTION .....</b>	<b>7</b>
<b>GENERAL NOTES FOR MAKING PRODUCTS! .....</b>	<b>9</b>
WHEN MAKING ANY OF MY FORMULAS, PLEASE FOLLOW THE PROCESS CAREFULLY. ....	11
ANTI-OXIDANTS & PRESERVATIVES.....	12
CHOOSING PRESERVATIVES .....	12
PRESERVATIVE COMPARISON CHART.....	13
QUICK NOTE ON ELECTRICAL CHARGES .....	14
ARE FRACTIONATED COCONUT OIL, CAPRYLIC/CAPRIC TRIGLYCERIDE, AND MEDIUM CHAIN TRIGLYCERIDES THE SAME INGREDIENT?.....	15
<b>A NOTE ON SCALES FOR MAKING FACIAL MOISTURIZERS .....</b>	<b>17</b>
LET'S TAKE A LOOK AT THE PARTS OF THE SCALE! .....	17
WHAT SHOULD WE CONSIDER TO CONSIDER WHEN SHOPPING FOR SCALES? ...	18
A FEW OTHER THINGS TO CONSIDER! .....	20
A SHORT ASIDE ON INSTRUMENT ERROR AND SIGNIFICANT FIGURES!.....	21
HOW TO WEIGH SMALLER AMOUNTS ON A 1 GRAM SCALE! .....	22
THINGS TO CONSIDER WITH SMALLER SCALES!.....	22
<b>ALL KINDS OF CHARTS FOR THIS SERIES!.....</b>	<b>24</b>
SENSORY COMPARISON CHART FOR ALL THE POTENTIAL EMOLLIENTS IN THE BASIC AND ADVANCED SERIES .....	24
SENSORY COMPARISON CHART FOR STRUCTURING AGENTS .....	25
<b>LET'S MEET SOME OF THE INGREDIENTS WE'LL BE USING IN THIS SERIES!....</b>	<b>27</b>
HUMECTANTS ARE A FORMULATOR'S BEST FRIEND! .....	27
HUMIDITY LEVEL & HUMECTANT CHART! .....	27
HUMIDITY LEVEL & HUMECTANT CHART! .....	30
STRUCTURING AGENTS! .....	30
TYPES OF STRUCTURING AGENTS.....	31
SENSORY COMPARISON CHART - STRUCTURING AGENTS WITH SIMULSOL/ LOTIONPRO™ 165 .....	32
ALLANTOIN .....	33
<b>LET'S MEET MORE INGREDIENTS! .....</b>	<b>35</b>
RHEOLOGY MODIFIERS! .....	35

CHELATING INGREDIENTS!.....	38
ANTI-OXIDANTS!.....	39
THICKENERS & STRUCTURING AGENTS: SOLID ESTERS!.....	41
SIMPLE ESTER COMPARISON CHART WITH LINKS.....	42
EMOLLIENT: ISOPROPYL MYRISTATE (IPM)! .....	43
EMOLLIENT: DIMETHICONE 350 CS (SILICONE)! .....	44
SENSORY COMPARISON CHART FOR NEW EMOLLIENTS! .....	45
ACTIVE & VITAMIN: PANTHENOL.....	45
<b>LET'S LOOK AT PRESERVATIVES! .....</b>	<b>46</b>
PRESERVATIVE CHART FOR SIMULSOL/LOTIONPRO™ 165 (NON-IONIC, ETHOXYLATED EMULSIFIER) .....	46
<b>COMBINING EMOLLIENTS: A QUICK SUMMARY!.....</b>	<b>49</b>
SENSORY COMPARISON CHART FOR BEGINNER & ADVANCED LOTION MAKING - LIQUID OILS, SOLID OILS, BUTTERS, STRUCTURING AGENTS & EMULSIFIERS.....	50
<b>LET'S CREATE A FACIAL MOISTURIZER!.....</b>	<b>54</b>
WHAT EXACTLY IS A FACIAL MOISTURIZER? HOW DO WE DEFINE IT? .....	54
COMEDOGENICITY? ACNEGENICITY? WHAT DO THESE TERMS MEAN? .....	55
CREATING THE MOISTURIZER: OIL PHASE .....	56
A NOTE ON THE COLOURS OF OILS... ..	58
CREATING THE MOISTURIZER: STRUCTURING AGENTS .....	59
A NOTE ABOUT FRAGRANCE/ESSENTIAL OILS.....	59
CREATING THE MOISTURIZER: WATER PHASE.....	60
CREATING THE MOISTURIZERS: PRESERVATIVES.....	61
BEFORE YOU MAKE THE FACIAL MOISTURIZER.....	61
FACIAL MOISTURIZER with DIFFERENT PRESERVATIVES (BASE FORMULA) .....	62
INSTRUCTIONS FOR MOISTURIZERS USING Simulsol/Lotionpro™ 165! .....	63
<b>LET'S MAKE SOME MODIFICATIONS TO THE BASE FORMULA: INCREASING</b>	
<b>VISCOSITY! .....</b>	<b>65</b>
FACIAL MOISTURIZER with ADDITIONAL STRUCTURING AGENT (FORMULA) .....	65
STRUCTURING AGENT COMPARISON CHART WITH MOLECULAR WEIGHT.....	67
<b>A FEW NOTES ON MELTING POINTS OF PRODUCTS IN STORAGE AND ON</b>	
<b>APPLICATION.....</b>	<b>69</b>

## **THINGS TO CONSIDER WHEN ADDING NEW INGREDIENTS - SHORT**

### **SUMMARY .....70**

AND CONSIDER THIS ABOUT THE PRESERVATIVE.....71

### **LET'S ADD SOME HYALURONIC ACID TO THIS FORMULA!.....72**

CREATING A HYALURONIC ACID SOLUTION FOR USE IN FORMULAS .....73

LET'S USE HYALURONIC ACID SOLUTION IN THE MOISTURIZER FORMULA! .....74

SUPER HYDRATING FACIAL MOISTURIZER with HYALURONIC ACID (FORMULA).....74

WORKING WITH HYALURONIC ACID 4D .....75

SUPER HYDRATING FACIAL MOISTURIZER with HYALURONIC ACID 4D (FORMULA)...

76

### **A QUICK ASIDE ON THE CONCEPT "OIL-FREE" .....79**

### **CREATING ADVANCED FACIAL MOISTURIZERS!.....80**

LET'S LOOK AT THE POTENTIAL OIL PHASE INGREDIENTS!.....80

LET'S LOOK AT THE OIL PHASE!.....83

ALTERATIONS TO THE WATER PHASE .....84

ADVANCED FACIAL MOISTURIZER WITH different preservatives (FORMULA).....85

INSTRUCTIONS FOR ADVANCED MOISTURIZER FORMULAS WITH RHEOLOGY  
MODIFIERS! .....86

HOW CAN WE MAKE IT SMELL PRETTY? .....87

MODIFYING THE OIL PHASE TO INCLUDE MORE DIMETHICONE! .....88

ADVANCED FACIAL MOISTURIZER WITH DIMETHICONE (FORMULA) .....88

MAKING OTHER OIL SUBSTITUTIONS! .....89

LET'S TALK ABOUT THE SHELF LIFE.....90

## **THINGS TO CONSIDER WHEN ADDING NEW INGREDIENTS - LONGER**

### **VERSION .....92**

A NOTE ON BATCH SIZES & ACCURACY.....92

HOW MUCH SHOULD OF THIS NEW INGREDIENT SHOULD WE USE? .....92

WHAT'S THE SOLUBILITY? .....92

WHAT'S THE HEAT TOLERANCE?.....93

WHEN DO WE ADD IT? .....93

WHAT'S THE REQUIRED PH RANGE FOR THE FINISHED PRODUCT?.....93

WHAT'S THE CHARGE? .....	93
ARE THERE INCOMPATIBILITIES BETWEEN THE PRODUCT AND THE INGREDIENT?..	94
DOES IT REQUIRE A STABILIZER?.....	94
WHAT'S THE SHELF LIFE? .....	94
CERTIFICATIONS AND OTHER THINGS TO CONSIDER?.....	95
HERE'S A CHART YOU CAN USE FOR NEW INGREDIENTS!.....	95
<b>LET'S LOOK AT ADDING Fision® HYDRATE TO OUR ADVANCED MOISTURIZER!</b>	

## **97**

Fision® Hydrate.....	97
SUPER HYDRATING FACIAL MOISTURIZER WITH fision® hydrate.....	98
INSTRUCTIONS FOR ADVANCED FACIAL MOISTURIZERS WITH RHEOLOGY MODIFIERS AND FISION® HYDRATE! (ALTERED COOL DOWN PHASE TEMPERATURE) .....	99

## **CREATING FACIAL MOISTURIZERS WITH ACTIVE INGREDIENTS: SEPILIFT®**

<b>DPHP .....</b>	<b>102</b>
SEPILIFT® DPHP.....	102
HYDRATING, ANTI-OXIDIZING & PLUMPING FACIAL MOISTURIZER WITH SEPILIFT® DPHP (FORMULA) .....	103
INSTRUCTIONS FOR ADVANCED FACIAL MOISTURIZERS WITH RHEOLOGY MODIFIERS AND SEPILIFT® DPHP!.....	104

## **CREATING FACIAL MOISTURIZERS WITH ACTIVE INGREDIENTS: CERAMIDE**

<b>COMPLEX.....</b>	<b>107</b>
CERAMIDES AND OUR SKIN!.....	107
CERAMIDE COMPLEX (INCI: Ceramide NP (and) Ceramide AP (and) Ceramide EOP (and) Phytosphingosine (and) Cholesterol (and) Sodium Lauroyl Lactylate (and) Carbomer (and) Xanthan Gum) .....	109
Ceramide Complex.....	110
SUPER HYDRATING & MOISTURIZING FACIAL MOISTURIZER WITH CERAMIDE COMPLEX (FORMULA).....	111
INSTRUCTIONS FOR ADVANCED FACIAL MOISTURIZERS WITH RHEOLOGY MODIFIERS AND CERAMIDE COMPLEX! .....	112

## **CREATING FACIAL MOISTURIZERS WITH ACTIVE INGREDIENTS: VITAMIN C, 3-**

<b>GLYCERYL ASCORBATE.....</b>	<b>115</b>
--------------------------------	------------

VITAMIN C, 3-GLYCERYL ASCORBATE.....	115
TESTING & ADJUSTING THE PH OF THE FACIAL MOISTURIZER!.....	116
MODIFYING A FORMULA TO INCLUDE THE pH TESTING SOLUTIONS!.....	120
HYDRATING & MOISTURIZING FACIAL MOISTURIZER WITH VITAMIN C, 3-GLYCERYL ASCORBATE (FORMULA).....	120
INSTRUCTIONS FOR ADVANCED FACIAL MOISTURIZERS WITH RHEOLOGY MODIFIERS AND VITAMIN C, 3-GLYCERYL ASCORBATE! .....	121
<b>MORE IDEAS FOR MODIFYING THE FORMULAS IN THIS E-BOOK! .....</b>	<b>124</b>
WHAT KINDS OF THINGS COULD YOU ADD? .....	124
CAN YOU COMBINE INGREDIENTS? .....	126
<b>CONCLUSION .....</b>	<b>127</b>
MY BLOG, POINT OF INTEREST .....	127
THANK YOU TO MY AMAZING SUBSCRIBERS .....	127
HOW TO CONTACT ME.....	127
SUPPLIERS' INFORMATION .....	128

Written by Susan Barclay Nichols, better known as SwiftCraftyMonkey, blogger and formulator for the blog Point of Interest (<http://swiftcraftymonkey.blog>).

© 2024 by Susan Barclay Nichols. All rights reserved. This e-book or any portion thereof may not be reproduced in any form without the express written permission of the author, except as permitted by Canadian copyright law. The products you make from formulas contained in this e-book can be used by you for personal or commercial purposes, but please don't copy and paste the text or share this entire e-book on sites like Scribd or forward to your friends who aren't subscribers to the blog. Instead, please refer them to my shop or refer them to the site. Have fun formulating!