

# AC CytoPure PF Sample Formulations

**Code:** 20757PF  
**INCI Name:** Crypthecodinium Cohnii Extract  
**CAS #:** 999999-99-4  
**EINECS #:** 310-127-6

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## Sample Finished Formulation Guidelines

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**Environmental Defense Lotion**  
FNTA01-02 – Environmental Defense Lotion

## Environmental Defense Lotion Formulation Code: FNTA01-02

Ingredient	Trade Name/Vendor	%
<b>Phase I</b>		
Water	Water	<b>42.40</b>
Polysorbate 20	Liposorb® L-20/Vantage	<b>1.00</b>
<b>Phase II</b>		
Glycerin	Glycerin U.S.P. Natural 96%/Cognis Corp.	<b>4.00</b>
Xanthan Gum	Keltrol® CG/CP Kelco	<b>0.20</b>
<b>Phase III</b>		
C12-15 Alkyl Benzoate	Dermol 25B/Alzo International Inc.	<b>23.15</b>
Zinc Oxide (And) Ethylhexyl Methoxycrylene (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Hydrogen Dimethicone	TNSS75MZCM/Kobo Products	<b>9.80</b>
Cetearyl Alcohol & Glyceryl Stearate & Coceth-20	Phytomulse® Coconut/Active Concepts, LLC	<b>3.45</b>
Cocos Nucifera (coconut) Fruit Extract	AcquaSeal® Coconut/Active Concepts, LLC	<b>0.50</b>
<b>Phase IV</b>		
Silica	MSS-500W/Kobo Products	<b>3.00</b>
Polyacrylamide (And) C13-14 Isoparaffin (And) Laureth-7	Sepigel™ 305/Seppic	<b>1.00</b>
<b>Phase V</b>		
Salvia Hispanica Seed Extract	PhytoFuse® Rejuvenate/Active Concepts, LLC	<b>2.00</b>
Undaria Pinnatifida Cell Culture Extract	ACB Wakame Bioferment Advanced/Active Concepts, LLC	<b>1.00</b>
Hydrolyzed Wheat Protein	AC DermaPeptide Tightening PF/Active Concepts, LLC	<b>2.00</b>
Cryptocodium Cohnii Extract	AC CytoPure PF/Active Concepts, LLC	<b>2.50</b>
Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	ACB Bio-Chelate 5 PF/Active Concepts, LLC	<b>2.00</b>
<b>Phase VI</b>		
Lactobacillus Ferment & Lactobacillus & Cocos Nucifera (coconut) Fruit Extract	Leucidal® SF Complete/Active Concepts, LLC	<b>2.00</b>

### Manufacturing Process:

1. Combine Phase I into main beaker and heat to 70°C.
2. In a separate container, combine Phase II ingredients into a slurry.  
Add Slowly to Phase I while mixing.
3. Add Phase III to main beaker under homogenization.
4. In a separate container, combine Phase IV ingredients and heat to 70°C.
5. Add Phase IV to main beaker while cooling to 45°C.
6. Once cooled, add Phase V and VI to main beaker.