



## Buff it Out Exfoliating Shampoo

This high foaming shampoo provides smooth but efficient exfoliation, in order to purify your scalp from all residual impurities. We've included only natural exfoliants, **Bamboo** and **Rice Exfoliator Vision Beads**, and the **VidaCaps**, encapsulated pumice issued from state-of-the-art technology, to help your scalp breathe again.

**Aculyn™ Excel** maintains and stabilizes the particles and bubbles in suspension, while thickening the formula. **Betadet® S-20** and **Akypo® RLM-100** ensure foam volume and stability and boost the foam, as well as ultra mildness. **SoftCAT™ Polymer SL-100** is a premium cationic conditioning polymer, which confers softness to the hair. **Dow Corning® CE-8411 Smooth Plus Emulsion** imparts moisturization, superior conditioning, shine and better combing to hair. Massage into wet hair and enjoy the experience.

 **UNIVAR®**  
PERSONAL CARE

	Trade name	INCI name	Supplier	%	
A	1	Water (Aqua)	Univar*	Q.5	
	2	Aculyn™ Excel	Dow Personal Care / Univar*	6.0	
B	3	Emal® 270D	Kao Chemicals Europe / Univar*	12.0	
	4	Betadet® S-20	Kao Chemicals Europe / Univar*	10.0	
C	5	NaOH (33% solution)	Univar*	Q.5	
D	6	Citric Acid	Jungbunzlauer	Q.5	
E	7	Water (Aqua)	Univar*	1.5	
	8	Purox® S grains	Emerald Kalama Chemical b.v. / Univar*	0.5	
F	9	Parfum Marin SY137818	Kao Fragrances / Univar*	0.7	
G	10	Water (Aqua)	Univar*	8.0	
	11	SoftCAT™ Polymer SL-100	Dow Personal Care / Univar*	0.1	
H	12	Akypo® RLM-100	Kao Chemicals Europe / Univar*	2.3	
	13	Dow Corning® CE-8411 Smooth Plus Emulsion	Bis-Isopropylamino-PG-Propyl Dimethicone/ Bis-Isobutyl PEG- 14 Copolymer (and) Polysorbate 20 (and) Butyloctanol	Dow Corning / Univar*	0.75
I	14		Citric Acid	Jungbunzlauer / Univar*	Q.5
	15	Bamboo Exfoliator Vision Beads	Cellulose, <i>Bambusa Arundinacea</i> Stem Extract, HPMC	Sandream Impact / Univar*	1.0
J	16	Rice Exfoliator Vision Beads	Cellulose, <i>Oryza Sativa</i> (Rice) Powder, HPMC	Sandream Impact / Univar*	3.0
	17	Vida Caps 1078	Aqua (and) <i>Butyrospermum Parkii</i> (Shea Butter) (and) <i>Acacia Senegal</i> (and) Pumice (and) Chitosan* (and) CI 77288 (and) Potassium Sorbate (and) Xanthan Gum	Lambson / Univar*	1.2

\* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

Reference: FR2816

Issued by: Univar's EMEA PC Laboratory in Versailles, France

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## Procedure (Cold process)

1. Weigh ingredients of phase A and combine them with gentle stirring until homogeneous.
2. Add B individually, mixing after each addition.
3. Neutralize AB with C until pH 8-10.
4. Adjust pH between 4.5 and 5.2 with D.
5. In a separate vessel, blend E until uniform.
6. Add E to ABCD whilst stirring.
7. Add phase F ingredient under homogenization and mix until uniform.
8. In a separate vessel, stir until G is homogeneously dispersed.
9. Add G to ABCDEF whilst stirring and stir for another 15 minutes.
10. Add H individually, mixing after each addition.
11. Adjust pH if necessary with phase I to pH 4.5-5.2.
12. Add J mixing slowly.

## Stability

Stable at least 2 months at room temperature and 40°C (still ongoing).

## Comments

- pH = 5.12
- Viscosity (spindle 6 ; 20 rpm ; 1 min) = 29.000 cPs (14.6%)
- Application : Pour the gel into the palm of your hand. Apply on the wet scalp, rub and lather. Rinse off meticulously.
- Viscous gel with green caps and bubbles
- Formula issued from “Love me, Shower Gel for Teens” developed by our partner Dow Personal Care.