

# Walnut Shell Face Scrub

Moderate Face Scrub with Walnut Shell leaves the skin soft with a neat and clean appearance. for daily exfoliation routine. Brown algae extract does assist in reducing the excess of sebum secretion of the skin surface and offering a more mattified complexion...

## Inside the Formulation

### BRONTIDE™ BIO BG

Butylene Glycol from natural, plant-based sugars using safe and sustainable fermentation-based process technology.

### GEOGARD® ECT

is a unique, patent pending combination of the four components Benzyl Alcohol, Salicylic Acid, Sorbic Acid, and Glycerin, which are well-accepted in a wide range of Personal Care products; wide pH compatibility from pH 3 to 8 and ECOCERT-certified.

### ACTIPHYTE® NEPTUNE KELP GL 100 NP

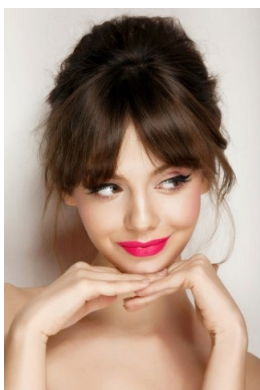
The brown algae extract can assist in reducing the excess of sebum secretion of the skin surface and offering a more mattified complexion. The presence of sulfated polysaccharides may contribute also to decreasing inflammation in acne-prone skin.

### ACTISCRUB™ WALNUT SHELL

An innovative breakthrough of exfoliating particles with a striking visual effect associated with nature. Leaves the skin soft with a neat and clean appearance such as the Gods' skin.

### AMAZE XT

This is a multi-functional fixative and thickener which also gives excellent wear resistance and excellent skin feel to the finished product. ECOCERT-certified.



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Disclaimer: Sample formulations are provided for your convenience but Azelis Personal Care does not warrant their merchantability, fitness for use, performance, safety, microbiological profile or freedom from patent infringement. They are not commercial formulations and have not been subjected to extensive testing. It is your responsibility to thoroughly test any formulations before use. All warranties, indemnities or liabilities implied or expressed by law are hereby excluded by Azelis Personal Care to the fullest extent permitted by law.



#### Formulation reference : 821-1-1

Phase	Raw Material	INCI	%w/w	Supplier
A	demin. water	Aqua	89.25	
A	Brontide™ Bio BG	Butylene Glycol	5.70	Genomatica
A	WeyCare Allantoin	Allantoin	0.05	Weylchem
A	Blanova® Active D-Panthenol 75%	Panthenol, Aqua	0.40	Azelis
A	Geogard® ECT	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid	1.00	Lonza
B	Amaze™ XT	Dehydroxanthan Gum	0.60	Akzo Nobel
C	Actiphyte™ Neptune Kelp GL 100NP	Glycerin; Laminaria Saccharina	2.00	Lipotec/Active Organics
D	Actiscrub™ Walnut Shell	Junglans Regia (Walnut) Shell Powder	1.00	Lipotec/Active Organics

#### Manufacturing Instructions

Mix Phase A until clear.

Heat phase A up to 70 °C add phase B to phase A and homogenize.

Add phase C to phase AB.

Add phase D to phase ABC.

#### Specification

pH 6,0

Stability Testing @40 °C: 3 months; @50 °C: 3 months; Thaw- Freeze- cycles (-18 °C/+40 °C): 5x

Flow point [mPa] (25 °C)

Viscosity@ 1/s [mPas] (25 °C)

Formulation developed by Azelis Personal Care



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