



Stephenson

Syndopal[®] 300 MB

Ultra mild soap free syndet base



Introducing **Syndopal® 300 MB**

Our Revolutionary Syndet Base

Syndopal® 300 MB is a soap free, ultra mild (pH 5.5-6.5) extruded syndet base, formulated for the manufacture of luxury, high performance extruded opaque solid beauty, shampoo and conditioner bars. It delivers exceptional product performance through a high foaming, creamy lather, which leaves the skin feeling soft and hydrated.

Syndopal® 300 MB Benefits

Exceptional product performance through a high foaming, creamy lather, which leaves the skin feeling soft and hydrated. Syndopal is vegan friendly and is not tested on animals.

- » Ultra mild - suitable for sensitive skin
- » 100% Soap free
- » Neutral pH 5.0 - 6.5
- » Certified Sustainable RSPO
- » SLS & SLES Free
- » Non-irritant
- » Vegan Friendly
- » Safe to use around eyes*
- » Safe for use on children**
- » One Syndopal bar = 2 liquid bottles***
- » Low water formulation
- » 94% Natural origin according to ISO 16128
- » Biodegradable formula

*Ophthalmologically tested, results show low potential for eye irritation - This applies to our base only and not for end products with added ingredients. It is advised that customers get their end product tested for their product to hold this claim.

**Paediatric approved – This applies to our base only and not for any products with added ingredients. It is advised that customers get their end products tested for their product to hold this claim.

***External study conducted with bar and liquid shampoo users.

Advantages of formulating with Syndopal® 300 MB

Cosmetic brands and manufacturers can benefit from Syndopal's patented formulation, enabling you to create an array of solid format products, including facial, body, and hair care bars. Capable of processing in the same way as vegetable soaps using the same extrusion line & equipment, with increased run rates compared to many syndet bases and a visually improved bar product.

- » Adjustable pH
- » Produces a bar that is shiny & smooth compared to traditional hard and crumbly syndets, which don't hold their shape
- » Has ability to add a high % of additives to Syndopal compared to traditional soap
- » Adaptable to make a range of ultra-mild syndet bars across hair, body and facial applications



TECHNICAL DATA

SYNDOPAL® 300 MB

Composition: Syndet base with ultra-mild skin cleansing system
Sodium Cocoyl Isethionate and Polyglyceryl-4 Laurate

Appearance: White opaque pellet, free from agglomeration

Moisture: 9.0%-13.0%

pH (5% solution): 5.5-6.5

Anionic content: 33% - 38%

Packaging: 20kg Sacks or 750kg bags



Technical data

Fig 1: Mildness

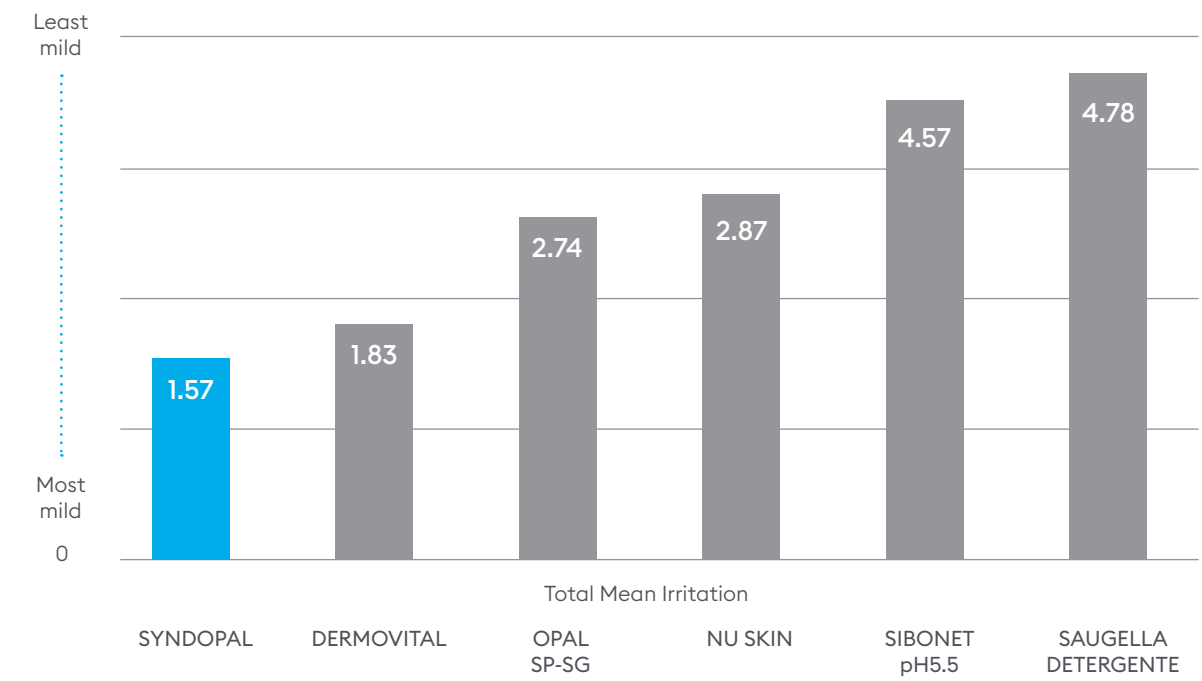


Fig.1: Graph showing popular syndet & soap bars in order of mildness.

Fig 2: pH adjustment

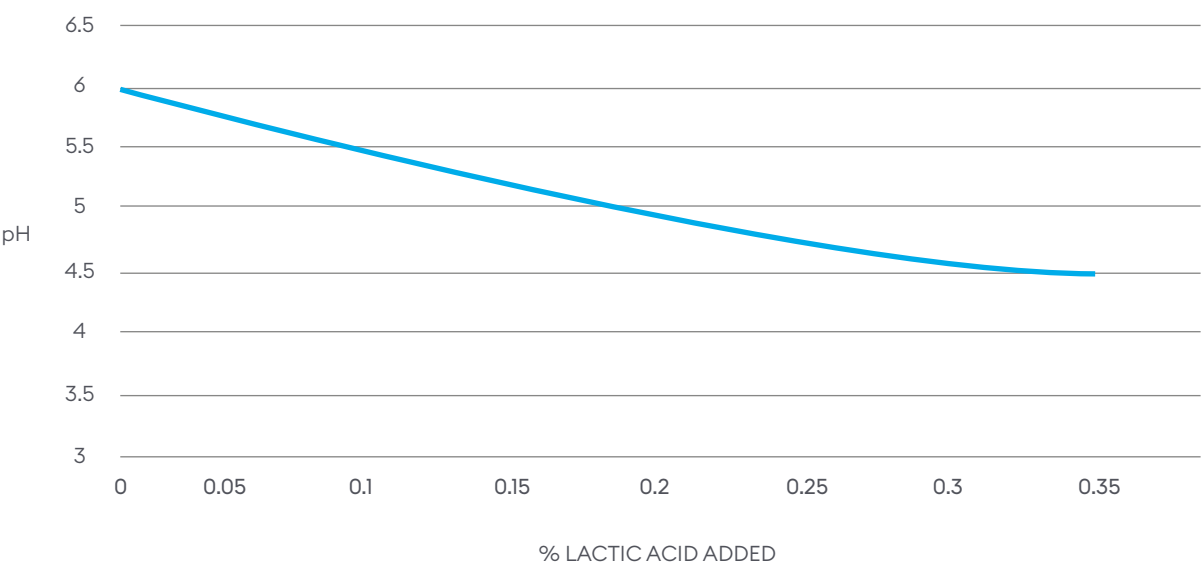


Fig.2: Graph to show Syndopal pH adjustment from additional lactic acid solution.



FEATURED FORMULATION

2-in-1 Shampoo & Conditioner Bar

Syndopal can be used to produce a soap-free, ultra mild shampoo and conditioning bar. Formulated to be silicone free with mild cleansing properties to condition the hair with a light, non-greasy feel.

Ideal for the manufacture of luxury, high performance soap free solid shampoo and conditioner bars. Its neutral pH enables a wider customer reach and market opportunity.

Syndopal® 300 MB: 96.50%

Panthenol: 0.50%

Plantesens Olive LD*: 1.00%

Perfume: 2.00%

.....

*Plantesens Olive LD (Clariant)



FEATURED FORMULATION

Deep Cleansing Shampoo Bar

For customers needing a deep cleansing shampoo bar, Syndopal's unique guide formulation provides an ultra mild, pH balanced 5.5-6.5 and soap free bar to gently cleanse hair & scalp without compromising skin microbiota.

» Light conditioning

» Powerful yet mild cleansing

Syndopal® 300 MB: 98.90%

Panthenol: 0.50%

Tea Tree Oil: 0.30%

Clary Sage Leaf Extract : 0.30%

.....



FEATURED FORMULATION

Hydrating Shampoo Bar

The growth in shampoo bars is widespread, as are the product benefits including for those with dry hair. This Hydrating Shampoo Bar helps to produce a non-drying cleansing bar, providing a smooth feel and tangle-free properties.

» Hydrates & Conditions

» Smooth feel

Syndopal® 300 MB: 95.70%

Genadvance Hydra*: 1.60%

Jojoba Oil: 0.20%

Perfume: 2.00%

.....

Genadvance Hydra (Is a natural conditioner that hydrates hair) (Clariant)



FEATURED FORMULATION

Volumising Shampoo Bar

This volumising shampoo bar provides a fresh clean sensation that can be enhanced by adding / changing fragrances and colouring. Aside from being travel-friendly and seemingly long-lasting, this volumising shampoo bar has been formulated to provide a natural shine and frizzless hair.

» Volume without frizz

» Life to limp hair

Syndopal® 300 MB: 95.30%

Panthenol: 0.50%

Genadvance Life*: 1.70%

Jojoba Oil: 0.50%

Perfume: 2.00%

.....
Genadvance Life (Provide volume with less frizz) (Clariant)



FEATURED FORMULATION

Sports Deodorant Bar

Deodorant bars are often used to clean the epidermis, in order to control bacteria and reduce unpleasant smells. It's an ultra-mild, pH balanced and soap free formulation which is natural and kind to the skin. Additional product formulation benefits:

- » Refreshing fragrance
- » Extended performance
- » Immediate deodorising

Syndopal® 300 MB: 96.50%

Tego Cosmos P813*: 0.50%

Perfume: 3.00%

.....

* Tego Cosmos P813 Evonik



FEATURED FORMULATION

Cleansing Facial Bar

This cleansing facial bar guide formulation delivers an ultra-mild bar cleansing sensation. It's soap free, pH neutral and non-drying.

- » Mild cleansing
- » Mild sugar surfactant
- » Vitamin E supports skin health antioxidant

Syndopal® 300 MB: 96.30%

Glucotain Sense*: 1.00%

Coconut Oil: 0.50%

Tocopherol (Vitamin E): 0.20%

Perfume: 2.00%

.....

*Glucotain Sense (Clariant)



FEATURED FORMULATION

Foaming Shave Bar

A high-quality shaving bar formulation that will deliver a smooth, rich and moisturising lather. An alternative to shaving gels and creams, this traditional shaving soap removes the need for packaging and will last many months of use.

- » pH balanced
- » Easy to rinse
- » Delivers a rich creamy lather
- » Contains a mild sugar surfactant
- » Conditioned & moisturised feel
- » Suitable for sensitive skin

Syndopal® 300 MB: 93.20%

Glucotain Care: 4.00%

Shea Butter: 0.80%

Perfume: 2.00%

.....

*Glucotain care (Clariant)



FEATURED FORMULATION

Exfoliating Body Bar

Exfoliation is an often-overlooked step within the self-care regime/market to help end users skin look and feel silky again. This exfoliating body bar conditions, gently removes dirt and cleanses the skin leaving it smooth and healthy looking.

- » pH balanced
- » Easy to rinse
- » Suitable for sensitive skin
- » Gentle exfoliation

Syndopal® 300 MB: 95.80%

Shea Butter: 1.00%

Tocopherol (Vitamin E): 0.20%

Oats (Exfoliant): 1.00%

Perfume: 2.00%

.....

Syndopal applications

Cosmetic Face and Body



Moisturising Bar

Contains glycerine for natural moisturisation



Make Up Remover Bar

Superior cleansing, matches skin pH



Premium Perfume Bar

High % of perfume and other additives can be used



Exfoliating Bar

Superior cleansing, matches skin pH



Skin Conditioning Bar

Ultra-mild



Baby Personal Care

Non-irritant and Safe

Pharmacy



Dermatological Bar

Fragrance Free



Sensitive Skin Bar

Soap Free



Perfume Free Bar

Non-irritant



Ophthalmological Bar

Ophthalmologically tested

Mass Market



Deodorising Sports Bar

2-in-1 detergent and deodorising bar



Cleansing & Moisturising Bar

Contains glycerine for moisturisation



Hotel & Travel Bar

No processing problems with smaller bars

Say goodbye to
plastic and hello
to the **Syndet**
Revolution



Contact us

If you have a specific project, or would like more information about Syndopal, please contact our team:

+44 (0)113 205 0900

hello@stephensongroup.co.uk

www.stephensonpersonalcare.com

Stephenson, Brookfoot
House, Low Lane, Horsforth,
Leeds, LS18 5PU
United Kingdom

Follow us on **LinkedIn**



SYNDOPAL® IS A REGISTERED TRADEMARK OF STEPHENSON LTD.