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Industrial & Consumer Specialties
Consumer Care

Hostapon SCB

A versatile surfactant system for optimal “Chassis” and Sulfate-Free formulations



Exactly your chemistry.



A versatile surfactant system for optimal “Chassis” and singular cleansing systems



Exactly your chemistry.

Sodium Cocoyl Isethionate

Primary surfactant

Coco-Betaine

Secondary surfactant

Foam booster

Hostapon® SCB
Synergistic blend

Ideal for use as primary surfactant for daily and therapeutic OTC cleansing formulations for face, body and hair including sulfate-free systems

- Optimum blend for Chassis applications across all cleansing formulations.
- Proven mildness versus individual components.
- Foam performance comparable to Sodium Lauryl Sulfate formulations.
- Easy to process in manufacturing.
- Preservative-free and Sulfate-free.

*A **versatile** surfactant system for optimal “Chassis” and singular cleansing systems*



Exactly your chemistry.

Where Sulfate-Free isn't enough... then **Versatility** is the key

■ **Versatility definitions:**

- Capable of doing many things competently

from www.freedictionary.com

- Having or capable of many uses: a versatile tool

from www.dictionary.com

Hostapon[®] SCB Specifications



Exactly your chemistry.

Hostapon[®] SCB

INCI Name: Coco-Betaine (and) Sodium Cocoyl Isethionate

Appearance: hazy yellow viscous liquid

pH: 5.5 – 7.0

Viscosity at 25 °C: 2,500 – 4,000 cps – Brookfield LV3 @ 20-rpm

Solids Content: minimum 40 %





Exactly your chemistry.

*Easy to process in
manufacturing*

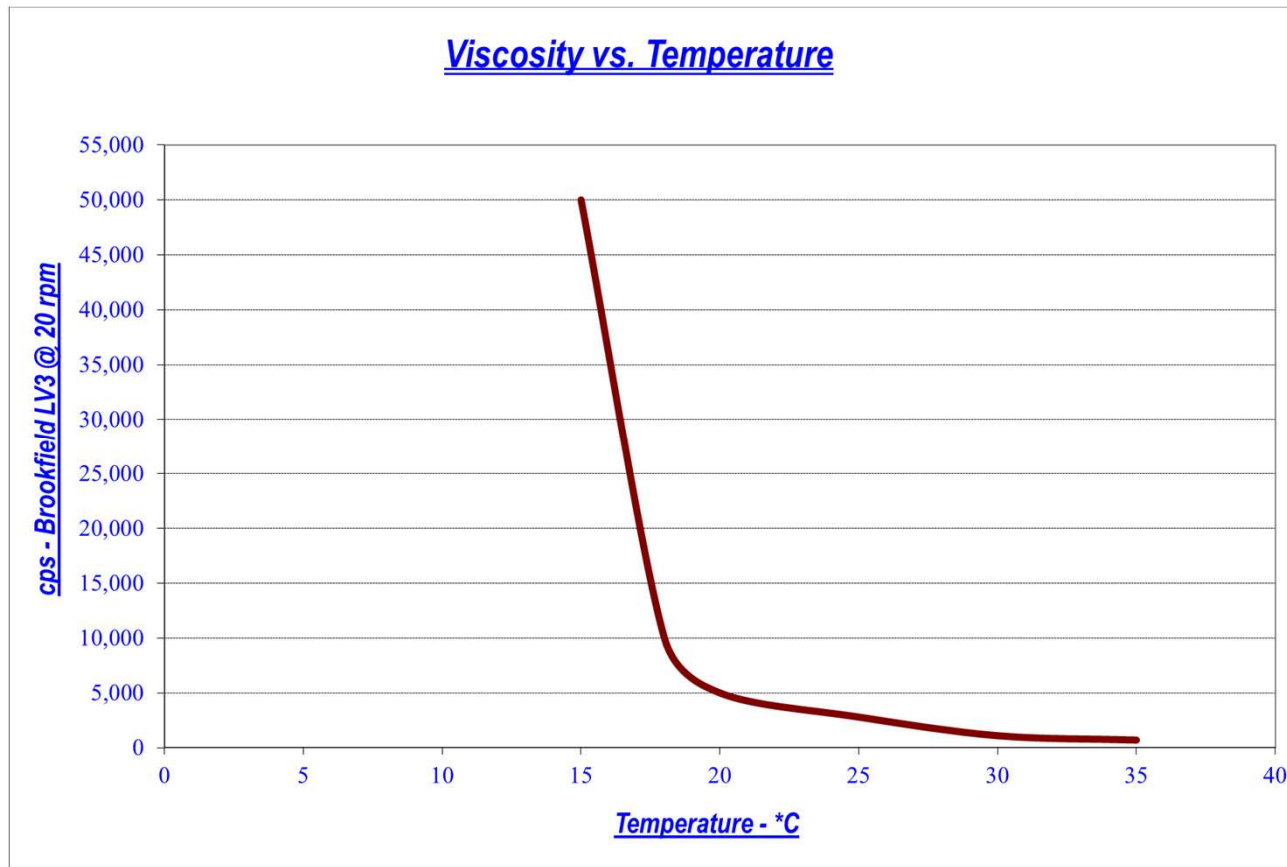
Hostapon[®] SCB

Easy to process in manufacturing



Exactly your chemistry.

- Suitable for cold process formulations.
- Easy to handle in production due to its viscosity profile.



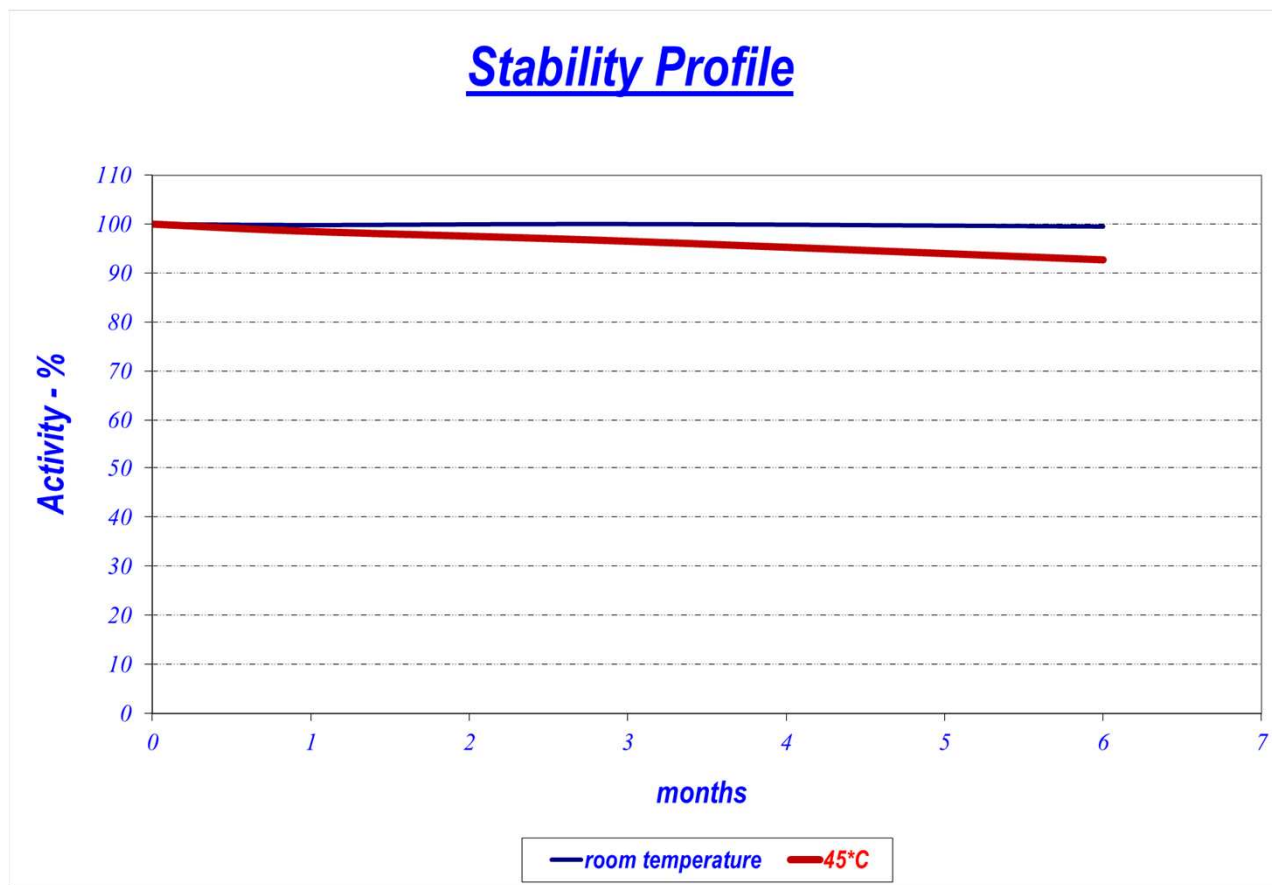
Hostapon[®] SCB

Easy to process in manufacturing



Exactly your chemistry.

- Due to its stability profile, no special storage conditions are required.

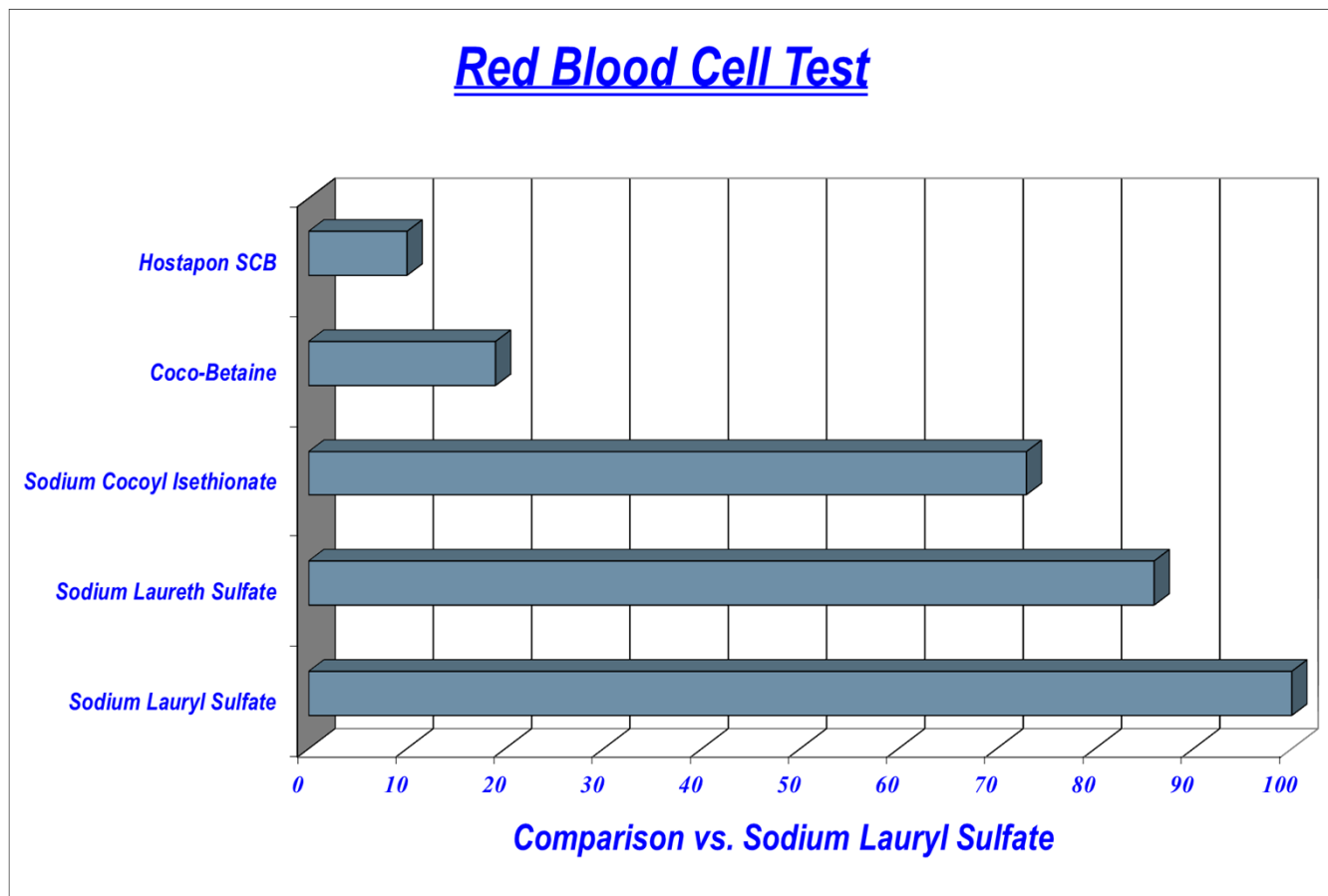


*Improved mildness
versus individual
components*

Hostapon[®] SCB

Improved mildness versus individual components

- Synergistic mildness versus its individual components.



*Foam performance
comparable to Sodium
Lauryl Sulfate
formulations*

Hostapon[®] SCB Foam Comparison

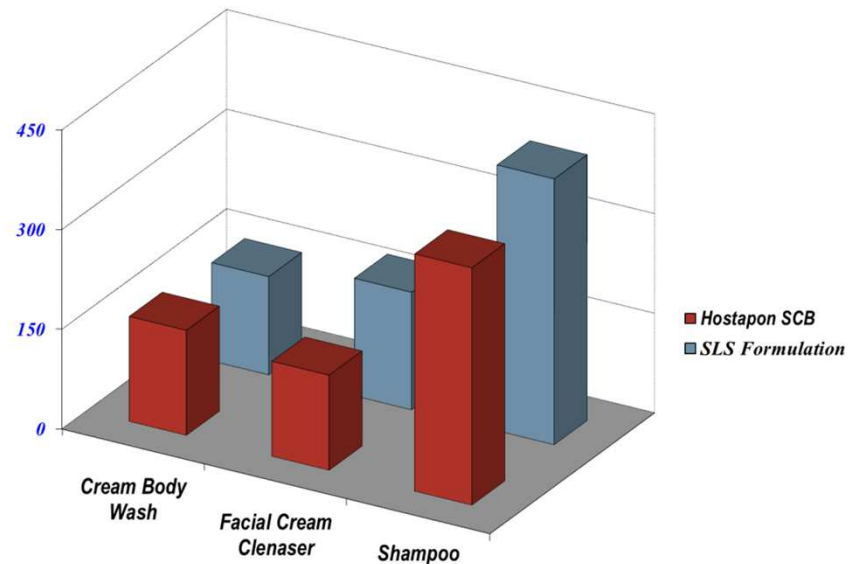


Exactly your chemistry.

- Foam behavior in finished formulations showed comparable foam performance versus cleaning systems containing Sodium Lauryl Sulfate.

Shaker test at 0.1 % active matter:

- Three cleansing formulations were tested for foam height.
- The only variable between formulations are Hostapon SCB and a blend Coco-Betaine/SLS keeping equal proportions of active matter.



*Versatile for OTC
Anti-Acne cleansing
systems.*

- Salicylic Acid at low pH values*
- Benzoyl Peroxide cleansers*

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for an Anti-Acne Facial Cream Cleanser</u>		<u>fn. 6-jk-63</u>	
Active Ingredient: Salicylic Acid (anti-acne)			2.0 %
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	35.0 %
Hostapon CT Paste	Sodium Methyl Cocoyl Taurate	<i>Secondary Surfactant</i>	10.0 %
Velsan D8P-3	Isopropyl PPG-2 Isodeceth-7 Carboxylate	<i>Emollient</i>	5.0 %
Cetearyl Alcohol	Cetearyl Alcohol	<i>Emollient</i>	3.0 %
Velsan SC	Sorbitan Caprylate	<i>Emollient and preservative booster</i>	2.0 %
Glycerin	Glycerin	<i>Humectant</i>	2.0 %
Hostaphat KL 340D	Trilaureth-4 Phosphate	<i>Emulsifier</i>	1.0 %
Phenonip XB	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben	<i>Preservatives</i>	1.0 %
Hostacerin SFO	Sunflower Seed Oil Sorbitol Esters	<i>Co-emulsifier</i>	0.8 %
Genamin PQ 43	Polyquaternium-43	<i>Skin conditioner</i>	0.7 %
Polyglykol 300	PEG-6	<i>Skin conditioner</i>	0.25 %
Polyglykol 1500	PEG-32	<i>Skin conditioner</i>	0.25 %
Fragrance	Fragrance		QS

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for an Anti-Acne Clear Facial Cleanser</u>			<u>fn. 6- jk-88</u>
Active Ingredient: Salicylic Acid (anti-acne)			2.0 %
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	38.0 %
Emulsogen LS-24 Gel	Sodium Laureth-13 Carboxylate	<i>Secondary Surfactant</i>	9.0 %
Velsan P8-3	Isopropyl C12-15 Pareth-9 Carboxylate	<i>Emollient</i>	3.0 %
Genapol G260	Glycereth-26	<i>Humectant</i>	3.0 %
Propylene Glycol	Propylene Glycol	<i>Solvent</i>	3.0 %
Emulsogen HCO 040	PEG-40 Hydrogenated Castor Oil	<i>Secondary Surfactant</i>	3.0 %
Phenoxtol	Phenoxyethanol	<i>Preservative</i>	1.0 %
Benzyl Alcohol	Benzyl Alcohol	<i>Preservative</i>	1.0 %
Polyglykol 400	PEG-6	<i>Skin conditioner</i>	0.5 %
Tetrasodium EDTA	Tetrasodium EDTA	<i>Chelant Agent</i>	0.2 %
Citric Acid	Citric Acid	<i>pH Adjuster</i>	0.2 %

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for an Anti-Acne Foaming Cleanser</u>			<u>fn. 6- jk-89</u>
Active Ingredient: Salicylic Acid (anti-acne)			1.0 %
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	Primary Surfactant	12.4 %
Emulsogen LS-24 Gel	Sodium Laureth-13 Carboxylate	Secondary Surfactant	2.9 %
Velsan P8-3	Isopropyl C12-15 Pareth-9 Carboxylate	Emollient	3.0 %
Propylene Glycol	Propylene Glycol	Solvent	3.0 %
Genapol G260	Glycereth-26	Humectant	2.0 %
Emulsogen HCO 040	PEG-40 Hydrogenated Castor Oil	Secondary Surfactant	2.0 %
Phenoxtol	Phenoxyethanol	Preservative	1.0 %
Benzyl Alcohol	Benzyl Alcohol	Preservative	1.0 %
Polyglykol 400	PEG-8	Skin conditioner	0.5 %
Polyglykol 300	PEG-6	Skin Conditioner	0.5 %
Tetrasodium EDTA	Tetrasodium EDTA	Chelant Agent	0.2 %

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for an Anti-Acne Benzoyl Peroxide Maximum Strength Cleanser</u>			<u>fn. 5-MC-89</u>
Active Ingredient: Benzoyl Peroxide (anti-acne)			10.0 %
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	30.0 %
Curoxyl 42 USP*	Benzoyl Peroxide (40 % Active Gel) * Trademark of Essential Ingredients	<i>Anti-Acne</i>	25.0 %
Hostapon CT Paste	Sodium Methyl Cocoyl Taurate	<i>Secondary Surfactant</i>	10.0 %
Velsan D8P-3	Isopropyl PPG-2 Isodeceth-7 Carboxylate	<i>Emollient</i>	5.0 %
Cetearyl Alcohol	Cetearyl Alcohol	<i>Emollient</i>	3.0 %
Velsan SC	Sorbitan Caprylate	<i>Emollient and preservative booster</i>	2.0 %
Glycerin	Glycerin	<i>Humectant</i>	2.0 %
Hostaphat KL 340D	Trilaureth-4 Phosphate	<i>Emulsifier</i>	1.0 %
Phenonip XB	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben	<i>Preservatives</i>	1.0 %
Hostacerin SFO	Sunflower Seed Oil Sorbitol Esters	<i>Co-emulsifier</i>	0.8 %



Exactly your chemistry.

*Versatile for cream
cleansing systems*

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<i>Formula Concept for a Daily Sulfate-Free Color Care Shampoo</i>			<i>fn. 6- jk-78</i>
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	35.0 %
Emulsogen LS-24 Gel	Sodium Laureth-13 Carboxylate	<i>Secondary Surfactant</i>	4.0 %
Genapol G260	Glycereth-26	<i>Humectant</i>	2.0 %
Emulsogen HCO 040	PEG-40 Hydrogenated Castor Oil	<i>Secondary Surfactant</i>	2.0 %
Genapol EGDS	Glycol Distearate	<i>Pearl Effect</i>	1.5 %
Velsan SC	Sorbitan Caprylate	<i>Emollient and preservative booster</i>	1.0 %
SilCare silicone SEA	Trideceth-9 PG-Amodimethicone (and) Trideceth-12	<i>Hair Conditioner</i>	1.0 %
Phenoxtol	Phenoxyethanol	<i>Preservative</i>	1.0 %
Panthenol	Panthenol	<i>Hair Conditioner</i>	0.5 %
Polyglykol 400	PEG-8	<i>Skin conditioner</i>	0.25 %
Polyglykol 300	PEG-6	<i>Skin Conditioner</i>	0.25 %
Fragrance	Fragrance		QS

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for a Premium Cream Cleanser</u>		<u>fn. 6- jk-50</u>	
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	Primary Surfactant	35.0 %
Hostapon CT Paste	Sodium Methyl Cocoyl Taurate	Secondary Surfactant	10.0 %
Velsan D8P-3	Isopropyl PPG-2 Isodeceth-7 Carboxylate	Emollient	5.0 %
Cetearyl Alcohol	Cetearyl Alcohol	Emollient	3.0 %
Velsan SC	Sorbitan Caprylate	Emollient and preservative booster	2.0 %
Glycerin	Glycerin	Humectant	2.0 %
Hostaphat KL 340D	Trilaureth-4 Phosphate	Emulsifier	1.0 %
Phenonip XB	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben	Preservatives	1.0 %
Hostacerin SFO	Sunflower Seed Oil Sorbitol Esters	Co-emulsifier	0.8 %
Genamin PQ 43	Polyquaternium-43	Skin conditioner	0.7 %
Polyglykol 300	PEG-6	Skin conditioner	0.5 %
Polyglykol 1500	PEG-32	Skin conditioner	0.5 %
Fragrance	Fragrance		QS

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<i>Formula Concept for Men's 3-in-1 Wash, Shampoo, Body Wash and Shaving</i>			<i>fn. 6-jk-79</i>
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	35.0 %
Emulsogen LS-24 Gel	Sodium Laureth-13 Carboxylate	<i>Secondary Surfactant</i>	4.0 %
Genapol G260	Glycereth-26	<i>Humectant</i>	2.0 %
Emulsogen HCO 040	PEG-40 Hydrogenated Castor Oil	<i>Secondary Surfactant</i>	2.0 %
Genapol EGDS	Glycol Distearate	<i>Pearl Effect</i>	1.5 %
Velsan SC	Sorbitan Caprylate	<i>Emollient and preservative booster</i>	1.0 %
Genamin PQ-43	Polyquaternium-43	<i>Skin and Hair Conditioner</i>	1.0 %
Phenoxtol	Phenoxyethanol	<i>Preservative</i>	1.0 %
Panthenol	Panthenol	<i>Hair Conditioner</i>	0.5 %
Polyglykol 400	PEG-8	<i>Skin conditioner</i>	0.25 %
Polyglykol 300	PEG-6	<i>Skin Conditioner</i>	0.25 %
Fragrance	Fragrance		QS
Colorant			QS



Exactly your chemistry.

*Versatile for non-
aerosol foaming
systems*

A versatile surfactant system for optimal Chassis and singular cleansing systems



Exactly your chemistry.

<u>Formula Concept for a Foaming Hand Soap</u>			<u>fn. 6- jk-47</u>
D.I. Water	Water		QS
Hostapon SCB	Coco-Betaine (and) Sodium Cocoyl Isethionate	<i>Primary Surfactant</i>	17.0 %
Velsan P8-3	Isopropyl C12-15 Pareth-9 Carboxylate	<i>Emollient</i>	2.0 %
Genapol G260	Glycereth-26	<i>Humectant</i>	2.0 %
Emulsogen HCO 040	PEG-40 Hydrogenated Castor Oil	<i>Fragrance Solubilizer</i>	2.0 %
Phenoxtol	Phenoxyethanol	<i>Preservative</i>	1.0 %
Benzyl Alcohol	Benzyl Alcohol	<i>Preservative</i>	1.0 %
Velsan SC	Sorbitan Caprylate	<i>Emollient and Preservative Booster</i>	0.5 %
Polyglykol 1500	PEG-32	<i>Skin conditioner</i>	0.25 %
Polyglykol 300	PEG-6	<i>Skin Conditioner</i>	0.25 %
Tetrasodium EDTA	Tetrasodium EDTA	<i>Chelant Agent</i>	0.2 %
Fragrance	Fragrance		QS
Colorants			QS

Translating into a Chassis

Hostapon SCB

A versatile surfactant system for optimal Chassis



Exactly your chemistry.

Chassis:

Implementation of key ingredients across several technologies capable to deliver specific functionalities and performance under measurable cost and process improvements.



Hostapon SCB

A versatile surfactant system for optimal Chassis



Exactly your chemistry.

Chassis for Facial Cleansers and Shampoos

Hostapon SCB	30 - 40 %
Emulsogen LS-24 Gel	2.0 – 10.0 %
Genapol G-260	1.0 – 3.0 %
Emulsogen HCO 040	0.5 - 2.0 %
Phenoxetol, Phenonip XB	1.0 %
Polyglykol – PEG's	0.1 - 0.5 %



Hostapon SCB

A versatile surfactant system for optimal Chassis



Exactly your chemistry.

<i>Anti-Acne Clear Facial Cleanser</i> <i>fn. 6-jk-88</i>	
Active Ingredient:	
Salicylic Acid	2.00 %
Water	QS
Hostapon SCB	38.0 %
Emulsogen LS-24 Gel	9.0 %
Genapol G260	3.0 %
Propylene Glycol	3.0 %
Velsan P8-3	3.0 %
Emulsogen HCO 040	3.0 %
Phenoxetol	1.0 %
Benzyl Alcohol	1.0 %
Polyglykol 400	0.5 %
Tetrasodium EDTA	0.2 %
Citric Acid	0.2 %

<i>Daily Sulfate-Free Color Care Shampoo</i> <i>fn. 6- jk-78</i>	
Water	QS
Hostapon SCB	35.0 %
Emulsogen LS-24 Gel	4.0 %
Genapol G-260	2.0 %
Emulsogen HCO 040	2.0 %
Genapol EGDS	1.5 %
SilCare SEA	1.0 %
Velsan SC	1.0 %
Phenoxetol	1.0 %
Polyglykol 1500	0.25 %
Polyglykol 300	0.25 %
Panthenol	0.5 %
Fragrance	0.5 %

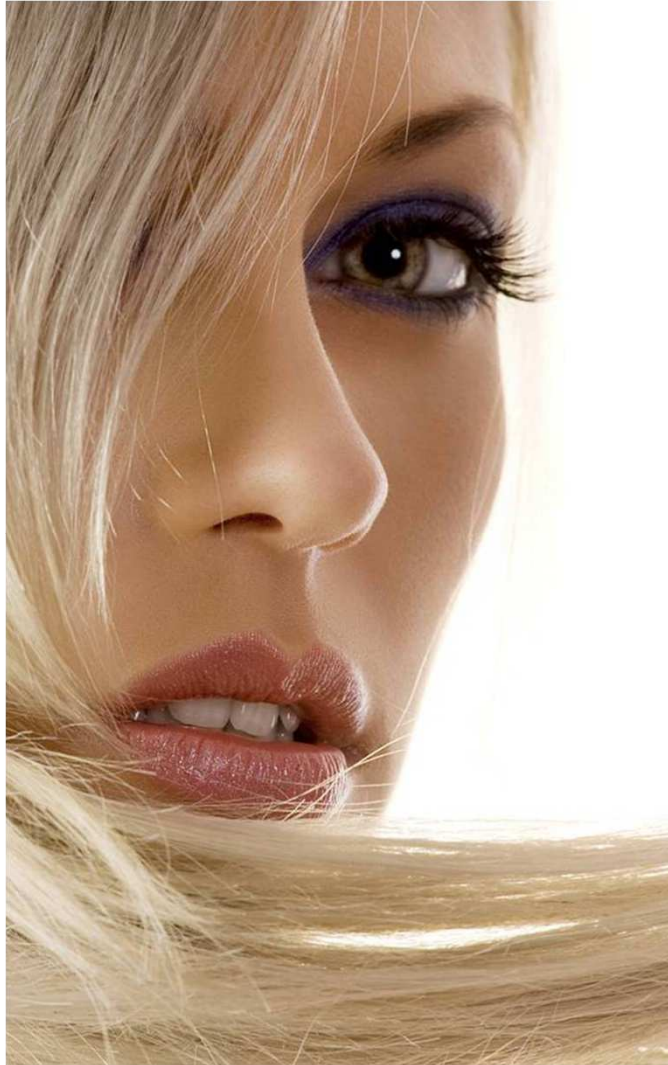
<i>Men's 3-in-1 Wash</i> <i>fn. 6- jk-79</i>	
Water	QS
Hostapon SCB	35.0 %
Emulsogen LS-24 Gel	4.0 %
Genapol G-260	2.0 %
Emulsogen HCO 040	2.0 %
Genapol EGDS	1.5 %
Genamin PQ-43	1.0 %
Velsan SC	1.0 %
Phenoxetol	1.0 %
Polyglykol 1500	0.25 %
Polyglykol 300	0.25 %
Panthenol	0.5 %
Fragrance	0.5 %
Colorants	0.0 %

Hostapon SCB

A versatile surfactant system for optimal Chassis



Exactly your chemistry.



Chassis for Emulsions Cleansers

Hostapon SCB	30 - 40%
Hostapon CT Paste	5 - 20 %
Velsan D8P-3	3 - 5 %
Velsan SC	0.5 - 2 %
Hostaphat KL-340 D	0.5 – 2.5 %
Hostacerin SFO	0.5 – 1.0 %
Phenoxetol & Phenonip XB	1.0 %

Hostapon SCB

A versatile surfactant blend for optimal Chassis



Exactly your chemistry.

<u>Premium Cream Cleanser</u>	
fn. 6- jk-50	
Water	QS
Hostapon SCB	35.0 %
Hostapon CT Paste	10.0 %
Velsan D8P-3	5.0 %
Cetearyl Alcohol	3.0 %
Glycerin	2.0 %
Velsan SC	2.0 %
Hostaphat KL 340D	1.0 %
Phenonip XB	1.0 %
Hostacerin SFO	0.8 %
Genamin PQ 43	0.7 %
Polyglykol 1500	0.25 %
Polyglykol 300	0.25 %
Fragrance	0.5 %

<u>Anti-Acne Facial Cream Cleanser</u>	
fn. 6- jk-63	
Active Ingredient:	
Salicylic Acid	2.00 %
Water	QS
Hostapon SCB	35.0 %
Hostapon CT Paste	10.0 %
Velsan D8P-3	5.0 %
Cetearyl Alcohol	3.0 %
Glycerin	2.0 %
Velsan SC	2.0 %
Hostaphat KL 340D	1.0 %
Phenonip XB	1.0 %
Hostacerin SFO	0.8 %
Genamin PQ 43	0.7 %
Polyglykol 1500	0.25 %
Polyglykol 300	0.25 %

<u>BPO Max Strength Cleanser</u>	
fn. 5-mc-89	
Active Ingredient:	
Benzoyl Peroxide	10.00 %
Water	QS
Hostapon SCB	30.0 %
Hostapon CT Paste	10.0 %
Velsan D8P-3	5.0 %
Cetearyl Alcohol	3.0 %
Glycerin	2.0 %
Velsan SC	2.0 %
Hostaphat KL 340D	1.0 %
Phenonip XB	1.0 %
Hostacerin SFO	0.8 %
Curoxyl 42 USP (BPO 40% Dispersion)	25.0 %

Summary



- Hostapon SCB is a versatile tool for:
 - Sulfate-free formulations
 - Mild formulations
 - Chassis systems for therapeutic and daily use cleansing systems
 - Low pH formulations
- In addition,
 - Easy to handle in manufacturing
 - Good stability profile
 - Preservative-Free