





# High Performance Ingredients designed to create **Innovations...**

For unmatched functionality and superior benefits

Oral Care

Skin Care

Hair Care

Home Care

FATTY ALCOHOL SULFATES

MILD SURFACTANTS (AA Based & Isethionates)

SYNDETS & TBB (Bathing Bar Bases)

FATTY ALCOHOL ETHER SULFATES

MILD SURFACTANTS (Sulfosuccinates & APG)

SUNSCREENS

FATTY ALCOHOL ETHOXYLATES & LABSA

PEARLIZERS

FUNCTIONAL ACTIVES

FOAM AND VISCOSITY BOOSTERS

SURFACTANT BLENDS

PRESERVATIVES

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FATTY ALCOHOL SULFATES	FATTY ALCOHOL ETHER SULFATES	FATTY ALCOHOL ETHOXYLATES & LABSA	FOAM AND VISCOSITY BOOSTERS
MILD SURFACTANTS (AA Based & Isethionates)	MILD SURFACTANTS (Sulfosuccinates & APG)	PEARLIZERS	SURFACTANT BLENDS
SYNDETS & TBB (Bathing Bar Bases)	SUNSCREENS	FUNCTIONAL ACTIVES	PRESERVATIVES

PARTNERING CUSTOMERS. DELIVERING VALUE.

Galaxy Surfactants Ltd., founded in the year 1980, is today one of the leading manufacturers of a wide range of Performance Surfactants and Innovative Specialty Care Products. We have worked diligently to meet the requirements and needs of Global Home & Personal Care Brands. This has helped us to broaden our vision and made our company a “Global Supplier to Global Brands”.



We are committed to fostering new energy in the HPC ingredient space by challenging existing assumptions. Our Innovation Process is focused on creating High Performance Ingredients which help our customers to create differentiated and innovative products and thus bring multi-functional benefits to end consumers. Product customization coupled with high quality service has been Galaxy’s core and this has made us a Preferred Partner to many Global and Regional Players. We have developed numerous specialty products in the field of Mild Surfactants, Sunscreens, Preservatives, Conditioners, Syndets / Transparent Bathing Bar bases, Ready-to-Use Surfactant Blends, & Proteins. We have been granted with various patents in India, USA, Europe, Japan, China, Russia and as well as many pending patents .

Our state-of-the-art manufacturing facility in Egypt, **Galaxy Chemicals (Egypt) S.A.E. (GCE)**, has been created to strengthen our mission of proximity to our global customers. Our wholly-owned subsidiary in North America, **TRI-K Industries Inc.** strives to keep ahead of the curve with a specialization in cosmetic proteins, natural actives and multi-functional peptides. **Galaxy Surfactants North America (GSNA)**, division of TRI-K Industries Inc., has been created to better serve customers in North America geography.

Galaxy is totally committed to Safety, Quality, and Sustainability. Combining power of science and technology with a passion to innovate, we aim to advance sustainable development by collaborating with various stakeholders. To accomplish this, we have formulated our Sustainability Policy and Sustainability Goals 2020. Galaxy has taken up many socially relevant causes as part of its CSR activities, and is focusing on Health & Hygiene, Education, Environment Protection, Women Empowerment, Community Development and Calamity Relief as a part of this mission.

Certificates / Awards

ICIS Innovation Award	ISO 9001:2015	ISO 14001:2015	OHSAS 18001:2007	ISO 14064-1:2006 (GHG Certification)	ISO 22716:2007 (Cosmetics GMP)	Responsible Care®
RSPO certification (MB and SG)	EcoVadis Gold Recognition (2016)	TPM Award	5-S Workplace Management System			
LCA Recognition	4- pillar SMETA	National CSR Leadership Award	Quality Circle	...many more.		

GLIMPSES OF OUR FACILITIES IN INDIA AND ABROAD



NOTES:

This Product Guide provides an overview of our product range, giving essential information for preliminary product selection.

The application details mentioned are only indicative and typical known applications. It is the sole responsibility of the customer to conduct necessary tests & analysis for its intended use.

The Halal and Kosher certifications are site specific. Same is applicable for other certifications. Details are requested to be sought before using.

Our Products supplied to EU are REACH compliant. For details you can please contact us.

RSPO Certified grades / Grades meeting applicable Pharmacopoeia specification / Tailor-made grades can be also made available.

For any additional and detailed product information (Technical datasheets, Specification, Safety datasheets, Certifications, Compliances), you can contact us.

FATTY ALCOHOL SULFATES	FATTY ALCOHOL ETHER SULFATES	FATTY ALCOHOL ETHOXYLATES & LABSA	FOAM AND VISCOSITY BOOSTERS
MILD SURFACTANTS (AA Based & Isethionates)	MILD SURFACTANTS (Sulfosuccinates & APG)	PEARLIZERS	SURFACTANT BLENDS
SYNDETS & TBB (Bathing Bar Bases)	SUNSCREENS	FUNCTIONAL ACTIVES	PRESERVATIVES





## FATTY ALCOHOL SULFATES

Fatty alcohol sulfates are primary anionic surfactants which provide excellent foaming and cleansing properties to personal care and home care products. Galaxy offers a wide range of these surfactants available in different salt forms (e.g. sodium, ammonium) and also in different carbon chains. Ammonium lauryl sulfate offers improved solubility and mildness. All these grades are available in various physical forms and also with high purity which are easily dispersed in water.

### A. SODIUM LAURYL SULFATE [CARBON CHAIN : C12-14]

Product		Physical Form	Active Matter, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy 689	▲ ●	Powder	95	7.5 – 10.5	●	●	●		●	●
Galaxy 799	▲ ■ ●	Needles	90	7.5 – 10.5	●	●	●		●	●
Galaxy 799 SP	▲ ■ ●	Needles	95	7.5 – 10.5	●	●	●		●	●
Galaxy 799 SN	▲ ■	Needles	94	7.5 – 10.5	●	●	●		●	●
Galaxy SLS Needles (Blue / Pink / Green / Red)		Needles	92						●	
Galaxy 796 G	▲ ■ ●	Granules	95	7.5 – 10.5	●	●	●		●	●
Galaxy 790 G	▲ ■ ●	Granules	95	8.0 – 11.5	●	●	●		●	●
Galaxy 780	▲ ■ ●	Liquid	28	7.5 – 9.5 <sup>+</sup>	●	●	●		●	●

### B. AMMONIUM LAURYL SULFATE [CARBON CHAIN – C12-14]

Galaxy ALS		Liquid	27	5.5 - 7.0 <sup>+</sup>	●	●	●		●	●
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### C. SODIUM ALKYL-C12-18 SULFATE

Galaxy 789	▲ ■ ●	Needles	90	7.5 – 10.5	●	●	●		●	●
Galaxy 789 SP	▲ ■ ●	Needles	95	7.5 – 10.5	●	●	●		●	●

### D. SODIUM ALKYL-C12-16 SULFATE

Surfapon SLS-30	GSNA	Liquid	28	6.5 – 7.5 <sup>+</sup>	●	●	●		●	●
Surfapon SLS-30HP preservative-free	GSNA	Liquid	28	10.5 - 12 <sup>+</sup>	●	●	●		●	●

- ▲ Kosher Certified   ■ Halal Certified   ● Ecocert Attestation   ● **GSNA** Supplied from GSNA (Galaxy Surfactants North America)
- pH measured as 1% aq. Soln / <sup>+</sup>10% aq. Soln.





Global Supplier to Global Brands

## FATTY ALCOHOL ETHER SULFATES

Fatty alcohol ether sulfates have low skin irritation property, making them suitable for mild cleansing as well as baby products. The fatty alcohol ether sulfates offered by Galaxy are low to high active flowable products, ranging from 1 EO to 3 EO average units and are produced from natural feedstocks and also vary by their preservative systems. They provide good foaming, wetting, grease-cutting properties with excellent flash foaming regardless of water hardness, making them useful for home care applications as well.

SODIUM LAURETH SULFATE [CARBON CHAIN : C12-14]

Product		Physical Form	Average EO moles	Active Matter, % min.	pH	Typical Known Application					
						Personal Care				Home Care	
						Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy LES 170	▲ ■	Viscous Flowable Liquid	1 EO	68	6.0-8.5*		●	●	●	●	●
Galaxy LES 70	▲ ■	Viscous Flowable Liquid	2 EO	68	6.5-8.5+		●	●	●	●	●
Galaxy LES	▲ ■	Liquid	2 EO	27	6.0-7.5		●	●	●	●	●
Galaxy LES SB	▲	Liquid	2 EO	26	4.0-5.0		●	●	●	●	●
Galaxy LES PF preservative-free	▲	Liquid	2 EO	26.5	10-12*		●	●	●	●	●
Surfapon ES-2PCK high viscous	GSNA	Liquid	2 EO	27	6.5–7.5		●	●	●	●	●
Surfapon ES-230	GSNA	Liquid	2 EO	24.5	6.5-8.5		●	●	●	●	●
Surfapon N56	GSNA	Flowable Gel	2 EO	54	6.0-8.5		●	●	●	●	●
Galaxy LES 370	▲	Viscous Flowable Liquid	3 EO	68	6.0-8.5+		●	●	●	●	●
Galaxy LES HV		Viscous Flowable Liquid	2 EO	27	6.0-8.0		●	●	●	●	●

- ▲ Kosher Certified • pH measured as 10% aq. Soln./ \*4% aq. Soln./ \*1% aq. Soln./ #as such • ■ Halal Certified
- GSNA supplied from GSNA (Galaxy Surfactants North America)





FATTY ALCOHOL ETHOXYLATES

Fatty alcohol ethoxylates are available under the Galaxy MW series of products which are non-ionic surface active agents derived from natural fatty alcohols. These nonionics are applied in a wide variety of applications and their function is strongly dependent on the chemical composition. The choice of nonionic for a specific application is primarily determined by the Hydrophilic/Lipophilic Balance (HLB). The HLB value dictates properties such as emulsification power, detergency, foaming, solubilisation and others.

ALKYL BENZENE SULPHONIC ACIDS (LABSA)

These are water soluble surfactants having excellent foaming power and detergency properties. They can be used in all liquid detergents such as Laundry gel, Dish washing liquid, Car shampoos, Carpet shampoos, etc.

FATTY ALCOHOL ETHOXYLATES

Product	INCI / Chemical Name	Physical Form	Average EO moles	Cloud point*/ Solidification point in °C	HLB Value (approx)	Typical Known Application					
						Personal Care				Home Care	
						Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy MW 251	Laureth-1	Liquid	1 EO	8-12	3.8						
Galaxy MW 252	Laureth-2	Liquid	2 EO	5-9	6.3						
Galaxy MW 252 (16)	Laureth-2	Liquid	2 EO	5-9	6.3						
Galaxy MW 253	Laureth-3	Liquid	3 EO	2-6	8.1						
Galaxy MW 257	Laureth-7	Liquid to semisolid	7 EO	41 – 43*	12.3						
Galaxy MW 258	Laureth-8	Clear to hazy liquid	8 EO	59 – 63*	12.5						
Galaxy MW 259	Laureth-9	Liquid to semisolid	9 EO	62 – 64*	13.4						
Galaxy MW 287^	Laureth-7	Liquid to semisolid	7 EO	50 – 56 *	12.0						

BENZENESULFONIC ACID, 4-C10-13-SEC- ALKYL DERIVATIVE

Product		Physical Form	Active Matter, % min.	Colour (APHA max.)	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy LAS		Viscous Liquid	96	40						
Galaxy LAS-HF		Viscous Liquid	96	60						

- Kosher Certified   Halal Certified
- Carbon Chain of all above products = C12-14, except ^ which is C12-18 based.



## FOAM AND VISCOSITY BOOSTERS

**A. BETAINES:** Fatty alkyl (amido) betaines/sulfobetaines are amphoteric surfactants, zwitterionic in nature. They have excellent foam boosting/stabilizing capability and help in building viscosity of anionic based formulations. It also reduces the irritancy of SLS based formulations.

**B. ALKANOLAMIDES:** Fatty alkanolamides are non-ionic surfactants that provide excellent viscosity building and foam stabilization in personal care products. They are also widely used as a lather stabilizer for laundry and dishwash detergents

**C. AMINE OXIDES:** These exhibit wetting, emulsifying, cleaning, foam stabilizing and thickening properties in various formulations.

### A. BETAINES

Product	INCI / Chemical Name	Physical Form	Active Matter/ Purity*, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy CAPB DC	Cocamidopropyl Betaine	Liquid	29	4.5 – 5.5	●					
Galaxy CAPB SB	Cocamidopropyl Betaine	Liquid	29	4.0 – 6.0		●	●	●	●	●
Galaxy CAPB	Cocamidopropyl Betaine	Liquid	29	4.0– 6.0		●	●	●	●	●
Galaxy CAPB KCG	Cocamidopropyl Betaine	Liquid	28	6.0 – 7.0 <sup>#</sup>		●	●	●	●	●
Galaxy 720	Cocamidopropyl Betaine	Liquid	28	5.0 – 7.0 <sup>~</sup>		●	●	●	●	●
Galaxy CAPB PF preservative-free	Cocamidopropyl Betaine	Liquid	28	11.5 – 12.5 <sup>#</sup>		●	●	●	●	●
Galaxy CAPB Plus	Cocamidopropyl Betaine	Liquid	37	4.0 – 7.0		●	●	●	●	●
Galaxy CAPB HC	Cocamidopropyl Betaine	Liquid	35	4.0-6.0		●	●	●	●	●
Galaxy LAPB	Lauramidopropyl Betaine	Liquid	29	8.0 – 9.0 <sup>#</sup>		●	●	●	●	●
Galaxy CB	Coco-Betaine	Liquid	27	5.5 – 7.0		●	●	●	●	●
Galaxy Lauryl Betaine	Lauryl Betaine	Liquid	36	6.0-8.0		●	●	●	●	●
Galaxy CAPSB	Cocoamidopropyl Hydroxysultaine	Liquid	40	6.5 – 8.0		●	●	●	●	●

### B. ALKANOLAMIDES

Galaxy 100	Cocamide MEA	Waxy flakes	96.5*	8.0-10.5 <sup>~</sup>		●	●		●	●
Galaxy 101	Cocamide MEA	Waxy flakes	85*	8.0-10.5 <sup>~</sup>		●	●		●	●
Galaxy 200	Lauramide MEA	Flakes	96.5*	8.0-10.5 <sup>~</sup>		●	●		●	●
Galaxy 110	Cocamide DEA	Syrupy liquid	82*	9.0-10.5 <sup>~</sup>					●	●
Galaxy 111	Cocamide DEA	Syrupy liquid	92*	9.0-11.0 <sup>~</sup>					●	●

### C. AMINE OXIDES

Galaxy LAO	Lauramine Oxide / Myristamine Oxide	Liquid	27	6.0-8.0 <sup>~</sup>		●	●		●	●
Galaxy LAPAO	Lauramidopropylamine Oxide / Myristamidopropylamine Oxide	Liquid	32	6.5-8.5 <sup>~</sup>		●	●		●	●
Galaxy CAPAO	Cocoamidopropylamine Oxide	Liquid	34	6.5-8.5 <sup>#</sup>		●	●		●	●

● ▲ Kosher Certified    ■ Halal Certified    ● pH measured as 5%/ ~10% aq. soln. / <sup>#</sup> as such





## MILD SURFACTANTS

Mild cleansing is one of the growing needs in personal cleansing industry. Cleansing technology has come a long way from “cleansing only” concept to one that includes other benefits such as mildness, moisturization, etc. Mild Cleansing is nothing but cleansing without disturbing the biological function of stratum corneum, the uppermost layer of skin. Galaxy’s Mild Amino Acid Technology is the ultimate step towards mild cleansing. These surfactants have enabled in developing cleansers with significantly reduced drying and damaging potential and truly emerged as moisturizing mild surfactants.

- A. AMINO ACID BASED SURFACTANTS - Glycinates, Sarcosinates, Taurates, Glutamates.
- B. ISETHIONATES
- C. SULFOSUCCINATES
- D. ALKYL POLYGLUCOSIDES

### A. AMINO ACID BASED SURFACTANTS

Product	INCI / Chemical Name	Physical Form	Active Matter/ Solids*, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galsoft SCG	● Sodium Cocoyl Glycinate	Liquid	22	10 – 11		●	●	●		
Galsoft SLG	Sodium Lauroyl Glycinate	Liquid	19	10 – 11		●	●	●		
Galsoft SLG Plus	Sodium Lauroyl Glycinate	Liquid	19	10 – 11		●	●	●		
Galsoft SCGL	Disodium Cocoyl Glutamate	Liquid	29 *	10 – 11		●	●	●		
Galsoft SCGL (LPH)	Disodium Cocoyl Glutamate & Sodium Cocoyl Glutamate	Liquid	29 *	7.5 – 9.5		●	●	●		
Galsoft SLGL ST	Disodium Lauroyl Glutamate	Liquid	29 *	10 – 11		●	●	●		
Galsoft NaLS	▲ ■ Sodium Lauroyl Sarcosinate	Liquid	29 *	7.5 – 8.5 <sup>~</sup>		●	●	●		
Galsoft NaLS (PF) preservative-free	▲ ■ Sodium Lauroyl Sarcosinate	Liquid	29 *	7.5 – 8.5 <sup>~</sup>		●	●	●		
Galsoft SCT 40	Sodium Methyl Cocoyl Taurate	Paste	30	6.5 – 8.0		●	●	●		
Galsoft GLI 21 (P/F)	Disodium Cocoyl Glutamate & Sodium Cocoyl Isethionate	Powder/ Flakes	84	7.5 – 8.5 <sup>^</sup>		●	●	●		

### B. ISETHIONATES

Product	INCI / Chemical Name	Physical Form	Active Matter, % min.	pH <sup>^</sup>	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galsoft SCI 80	Sodium Cocoyl Isethionate	Needles	80	5.0 – 7.0		●	●	●		
Galsoft SCI 80(P)	Sodium Cocoyl Isethionate	Powder	80	5.0 – 7.0		●	●	●		
Galsoft SCI 80(G)	Sodium Cocoyl Isethionate	Granules	80	5.0 – 7.0		●	●	●		
Galsoft SCI 85	Sodium Cocoyl Isethionate	Needles	85	5.0 – 7.0		●	●	●		
Galsoft SCI 85 (P)	Sodium Cocoyl Isethionate	Powder	85	5.0 – 7.0		●	●	●		
Galsoft SCI 85 (G)	Sodium Cocoyl Isethionate	Granules	85	5.0 – 7.0		●	●	●		
Galsoft SLI 80	Sodium Lauroyl Isethionate	Needles	78 - 82	4.0 – 6.5		●	●	●		

● ▲ Kosher Certified   ■ Halal Certified   ● Ecocert Attestation   • pH measured 'as such' / <sup>~</sup>10% aq. soln. / <sup>^</sup>5% aq. soln.



## MILD SURFACTANTS

- A. AMINO ACID BASED SURFACTANTS
  - Glycinates, Sarcosinates, Taurates, Glutamates.
- B. ISETHIONATES
- C. SULFOSUCCINATES
- D. ALKYL POLYGLUCOSIDES

### C. SULFOSUCCINATES

Product	INCI / Chemical Name	Physical Form	Active Matter/ Solids*, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy LSS P	Disodium Lauryl Sulfosuccinate	Powder	90	5.0 – 7.0		●	●	●		●
Galaxy ESS	Disodium Laureth Sulfosuccinate	Liquid	38*	5.0 – 7.0~		●	●	●		●

### D. ALKYL POLYGLUCOSIDES

Product	INCI / Chemical Name	Physical Form	Typical Active Matter, % (approx.)	Typical Known Application					
				Personal Care				Home Care	
				Oral	Hair	Skin	Baby	Fabric	Hard Surface
Surfapon AG-10	GSNA Caprylyl/Capryl Glucoside	Liquid	50		●	●	●		
Surfapon AG-107DK	GSNA Alkylpolyglucoside (C8-C10)	Dark Liquid	70					●	●
Surfapon AG-12	GSNA Lauryl Glucoside	Liquid	50		●	●	●		
Surfapon AG-12HE	GSNA Lauryl Glucoside (non-crystalizing)	Liquid	50		●	●	●		
Surfapon AG-60	GSNA Lauryl Glucoside	Liquid	50					●	●
Surfapon AG-20	GSNA Decyl Glucoside	Liquid	50		●	●	●		
Surfapon AG-42	GSNA Alkylpolyglucoside (C8-C16)	Liquid	50					●	●
Surfapon AG-42N	GSNA Alkylpolyglucoside (C8-C16, neutral pH)	Liquid	50					●	●
Surfapon AG-818	GSNA Coco Glucoside	Liquid	50		●	●	●		
Surfapon AG-215	GSNA Caprylyl/capryl Glucoside	Liquid	62					●	●
Surfapon AG-675	GSNA Hexyl Glucoside	Liquid	75					●	●
Surfapon AG-826	GSNA Ethylhexyl Glucoside	Liquid	65					●	●

- GSNA products supplied from GSNA (Galaxy Surfactants North America)
- pH measured as 1% aq. soln. / ~10% aq. soln.

Scan to view our Mild Surfactants Video







# PEARLIZERS

- A. LIQUID PEARLIZERS  
Cold processable, pumpable, pearlshine concentrates.
- B. SOLID PEARLIZERS  
Pearlizing agent in Personal & Home Care Products.

## A. LIQUID PEARLIZERS

Product	INCI / Chemical Name (Key Ingredients)	Physical Form	Solids Content, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Sparkle 670	Glycol Distearate, Cocamidopropyl Betaine, Laureth-3, Laureth-9	Pearly Viscous Liquid	40	3.0– 4.5						
Sparkle 660	Glycol Distearate, Sodium Laureth Sulfate, Cocamide MEA	Pearly Viscous Liquid	40	5.0 – 7.0						

## B. SOLID PEARLIZERS

Product	INCI / Chemical Name	Physical Form	Melting Point °C	SAP Value	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy 600	Glycol Stearate	Soft Flakes	56 - 60	170 – 190						
Galaxy 610	Glycol Distearate	Flakes	60 - 65	190 - 200						

• pH measured as 10% aq. Soln.



# Simplify Your Creations



## SURFACTANT BLENDS

These are Synergistic Surfactant mixes/blends aimed to provide consistent high performance, enabling users to make a range of personal care rinse off products along with products in home care category. These are very easy to use ready surfactant bases providing power to Formulators to make Products with differentiated claims.

### SURFACTANT BLENDS

Product	INCI / Chemical Name (Key Ingredients)	Physical Form	Active Matter/ Solids*, % min.	pH	Typical Known Application					
					Personal Care				Home Care	
					Oral	Hair	Skin	Baby	Fabric	Hard Surface
GalFUSION Moist-Hair Care	Sodium Laureth Sulfate, Sodium Cocoyl Glycinate, Cocamidopropyl Betaine, Glycerin, Cocamide MEA, Glycol Distearate, Sodium Cocoyl Isethionate	Pearly Flowable Paste	35*	7.0 -8.0		●	●	●		
GalFUSION Gentle Care	SB Cocamidopropyl Betaine, Glycerin, Caprylic / Capric Glucoside, Sodium Methyl Cocoyl Taurate	Liquid	40*	5.5 - 7.0		●	●	●		
GalFUSION Mild Mix 611	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Lauryl Glucoside	Liquid	61*	6.0 - 7.0		●	●	●	●	●
Galaxy 226	Sodium Laureth Sulfate, Glycol Distearate, Cocamide MEA, Cocamidopropyl Betaine	Liquid	22^	6.0 - 7.0		●	●	●	●	●
Galaxy 622	Sodium Laureth Sulfate, Cocamide MEA, Cocamidopropyl Betaine	Liquid	22^	6.0 - 7.0		●	●	●	●	●
Galaxy CC 8020	Sodium Laureth Sulfate, Cocamidopropyl Betaine	Liquid	52.8^	6.0 - 7.5+		●	●	●	●	●
Surfacare APC	GSNA Sodium Laureth Sulfate, Lauryl Glucoside, Cocamidopropyl Betaine	Liquid	61*	6.0 - 7.0		●	●		●	●
Surfacare APC-HP preservative-free	GSNA Sodium Laureth Sulfate, Lauryl Glucoside, Cocamidopropyl Betaine	Liquid	61*	11.0 - 12.5		●	●		●	●
Surfacare COCO	GSNA Sodium Coco-Sulfate, Coco Glucoside, Cocamidopropyl Hydroxysultaine	Liquid	46.5*	6.0 - 7.5		●	●			
Surfacare HAB	GSNA Sodium Laureth Sulfate, Cocamide MEA, Cocamidopropyl Betaine	Liquid	64*	6.0 - 7.5		●	●			
Surfacare HAB-MIPA	GSNA Sodium Laureth Sulfate, Cocamide MIPA, Cocamidopropyl Betaine	Liquid	60*	6.0 - 7.5		●	●			
GalFUSION RK-1	GSNA Sodium Lauryl Sulfate, Sodium Laureth Sulfate, Cocamide MEA, Cocamidopropyl Betaine	Liquid	34*	7.0 <sup>f</sup>		●	●			
Galaxy ViscoPower ABA5W	▲ ■ Sodium Laureth Sulfate, Cocamide DEA, Cocamidopropyl Betaine, Cocobetaine	Viscous Flowable Liquid	65*	6.0 - 8.5+		●	●		●	●
Galaxy RMIx HC	▲ ■ LABSA, Sodium Laureth Sulfate, Cocamidopropyl Betaine	Fluid Paste	60*	6.0 - 8.5+					●	●
GalFUSION LLDC	▲ ■ Sodium Laureth Sulfate, Laureth-7, Cocamidopropyl Betaine	Fluid Paste	60*	6.0 - 7.0					●	●

- ▲ Kosher Certified

■ Halal Certified

● GSNA products supplied from GSNA (Galaxy Surfactants North America)
- pH measured as 10% aq. Soln./ +1% aq. soln./ # as such

● Anionic active content





# Galaxy SYNDETS

(SN 800 Series)

Galaxy Syndets and Galaxy TBB bear testimony to Galaxy's mastery in Surfactant Chemistry, Technology and Formulation/Application Development. They are truly innovative examples of "Engineering the Art of Chemistry".

Galaxy Syndets are bathing bar bases, supplied in the form of noodles, for preparation of soap free ‘Skin to Neutral pH’ syndet bathing bars as well as Combo bathing bars..

Galaxy has several grades of Syndet Noodles with differentiated benefits, concluded with application studies and in-house clinical tests. Galaxy Syndets are ‘Ready-to-Use’ bases and can also be processed on conventional Soap manufacturing set-up. Thus, it enables Soap and other Bathing bar manufacturers to create premium, innovative, and customized products without spending much time on product development.

Product	INCI / Chemical Name (Key Ingredients)	pH	Active Matter % min.	Typical Known Application	Claims
Galaxy SN 8262	▲ Sodium Cocoyl Isethionate (SCI), Di sodium Lauryl Sulfosuccinate, Stearic Acid, Starch, Glyceryl Monostearate (GMS)	5.0 – 7.0	35	Baby Bathing Bars, Beauty Bar, Medicated Treatment bars	Soap Free PEG Free Skin / Neutral pH
Galaxy SN 8214	▲ SCI, Stearic Acid, PEG 400, PEG 600	5.0 – 6.0	40	Medicated Treatment bars	Soap Free Skin pH
Galaxy SN 8190	▲ SCI, Stearic Acid, Sodium Lauryl Sulfate, Sodium Stearate, Wax	6.5 – 7.5	38	Beauty Bathing Bars, Combo Bars	Neutral pH PEG Free
Galaxy SN 8244	▲ SCI, Stearic Acid, Sodium Cocoyl Glycinate, SLI, Sodium Stearate, CAPB, GMS	5.0 – 7.0	38	Baby Bathing Bars, Beauty Bar, Medicated Treatment bars	Soap Free PEG Free Skin / Neutral pH
Galaxy Syndet Additive	▲ Sodium Lauroyl Isethionate (SLI), Stearic Acid, CAPB	5.0 – 6.0	40	Cost Effective Combi & crème bars, Performance Enhancement of Soaps, superfattened soaps	Crème Bars, Skin moisturization, PEG free

- Key Benefits:**
  - Meets International standards of syndet cleansing bars
  - Better performance in hard water than soap
- Cleanses, conditions & nourishes skin
  - Long-lasting, strong perfume impact
- Milder to skin and leaves skin with luxurious silky, smooth & soft feel
  - Compatible with variety of moisturizing agents, vitamins, minerals & claim ingredients

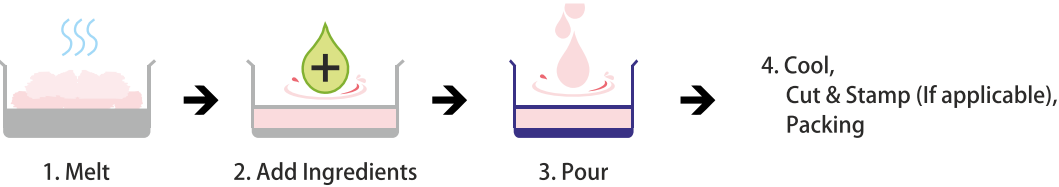


# Galaxy TBB

(SN 900 Series - Transparent Bathing Bar bases)

Galaxy TBB flakes are unique bases for the preparation of Transparent Bathing Bar using Melt & Pour Technology. It helps to satisfy wider expectations of consumers.

With Galaxy TBB flakes, ‘Alcohol & Amine free’ Transparent Bathing Bars can be prepared in just few easy steps as below.



- Key Benefits:**
  - Crystal clear transparency
  - Complies with TFM requirement
  - High yield even on re-melting
  - Enables easy incorporation and delivery of actives
  - Generates good foam even in hard water
  - Excellent fragrance retention across its life cycle

Our offerings:

Bathing Bar Type	Galaxy TBB offering	
	TFM > 40% (by mass)	TFM < 40% (by mass)
Transparent Bathing Bar	Galaxy SN 937 Plus	Galaxy SN 931 P&T
Opaque Bathing Bar	Galaxy SN 947	Galaxy SN 940
Sulfate Free Transparent Bathing Bar		Galaxy SN 960 SF

- ▲ Kosher Certified
- pH measured as 10% aq. Soln./ \*1% aq. soln. /# as such
- ^ Anionic active content

Interested in making your own soap?  
Learn the easy preparation of Transparent Bathing Bar using Galaxy TBB, with Melt & Pour Technology by scanning the below QR code



- pH: 9.0-10.5
- Free alkalinity – Nil
- Nature: solid flakes

**Typical Application:**  
Herbal, Medicinal, Exfoliating, Moisturizing Bathing Bar, Glycerin Bathing Bar



## SUNSCREENS

UV rays are the leading cause of visible skin aging. Studies have shown the harmful effects of cumulative exposure of UV rays over time. Therefore sunscreen products are today an essential part of every day skin and hair care. At Galaxy, we offer innovative sun care solutions that protect skin from harmful UV radiation and increase the effectiveness of your sunscreen and daily wear formulations.

### SUNSCREENS

Product	INCI / Chemical Name	UV-A/ UV-B	Max. Recommended Dosage	E <sub>1%</sub> λ <sub>max</sub>	Typical Known Application					
					Personal Care					
					Oral	Hair	Skin	Baby	Nail	Colour Cosmetics
Galaxy 2932	Ethylhexyl Methoxycinnamate	UV-B	USA: 7.5%, EU: 10%	835 - 865 @310nm						
Galaxy 2932 NB	Ethylhexyl Methoxycinnamate	UV-B	USA: 7.5%, EU: 10%	835 - 865 @310nm						
GalSORB OMC (HP)	Ethylhexyl Methoxycinnamate	UV-B	USA : 7.5%, EU: 10%	835 - 865 @310nm						
GalSORB Octocrylene	Octocrylene	UV-B	10%	340-370 @305nm						
GalSORB Homosalate	Homosalate	UV-B	USA: 15%, EU: 10%	170-180 @305nm						
GalSORB Octyl Salicylate	Ethylhexyl Salicylate	UV-B	5%	165-185 @305nm						
*Galaxy SunBeat	Methoxycinnamidopropyl Hydroxysultaine	UV-B	15%	245-255 @305nm						
*Galaxy SunBeat NP	Methoxycinnamidopropyl Hydroxysultaine	UV-B	15%	245-255 @305nm						
GalSORB Avobenzone	Butyl Methoxydibenzoylmethane	UV-A	USA: 3%, EU: 5%	1100-1180 @357nm						
GalSORB Benzophenone - 3	Benzophenone - 3	UV-A+UV-B	6%	600-700 @285nm						
*GalSORB Benzophenone - 4	Benzophenone - 4	UV-A+UV-B	10%	460-490 @286nm						
Galshield UV Care	Ethylhexyl Methoxycinnamate, Octocrylene, Ethylhexyl Salicylate, Butyl Methoxydibenzoylmethane, Benzophenone-3	UV-A+UV-B	25%	400-500 @310nm						
Galshield UV Care Plus	Ethylhexyl Methoxycinnamate, Octocrylene, Butyl Methoxydibenzoylmethane, Homosalate	UV-A+UV-B	25%	400-500 @310nm						

• \*water-soluble

Scan to view our Sunscreen Video







## FUNCTIONAL ACTIVES

- Emollients
- Conditioning Agents
- Hair Colour Protector
- Scalp Care
- Anti-Microbials

### FUNCTIONAL ACTIVES

Product	Typical Function	INCI / Chemical Name	Physical Form	Active Matter/ Solids*, % min.	pH	Typical Known Application					
						Personal Care				Home Care	
						Oral	Hair	Skin	Baby	Fabric	Hard Surface
Galaxy PEG 7 Glyceryl Cocoate	Emollient	PEG-7 Glyceryl Cocoate	Liquid		6.0 – 8.0		●	●	●		
GalMOL CCT	Emollient	Caprylic / Capric Triglyceride	Liquid				●	●	●		
GalHueShield HCS	Hair Colour Protector, Conditioning Agent	Methoxy cinnamidopropyl Behendimonium Chloride	Paste	29 – 31*	5.5 – 7.5 <sup>+</sup>		●	●			
Galsilk 7	Conditioning Agent	Polyquaternium-7	Liquid	8.5 -9.5*	6.0 – 7.5 <sup>+</sup>		●	●			
Galsilk 700	Conditioning Agent	Polyquaternium-7	Liquid	8.1 -9.1*	6.0 – 7.5 <sup>+</sup>		●	●			
Galsilk 7 SB	Conditioning Agent	Polyquaternium-7	Liquid	8.8 -9.8*	3.3 – 4.5 <sup>+</sup>		●	●			
Galaxy BKC	▲ ■ Anti-microbial	Benzalkonium chloride	Syrupy liquid	49	6.0 – 8.0			●		●	●
Galaxy BKC AT	▲ ■ Anti-microbial	Benzalkonium chloride	Syrupy liquid	79	6.5 – 9.5 <sup>~</sup>			●		●	●

- ▲ Kosher Certified    ■ Halal Certified
- pH measured as 5% aq. Soln./ \*1% aq. dispersion./ <sup>+</sup> as such / <sup>~</sup>10% aq. soln
- ^ purity



## PRESERVATIVES

Preservative systems are a critical component in most formulations as they are key to maintaining a product’s safety and integrity. Galaxy preservatives portfolio meets the need of broad-spectrum and effective antimicrobial protection in various formulations.

### PRESERVATIVES

Product	INCI / Chemical Name	Physical Form	Active Matter, % min.	Phenol Content	pH	Typical Known Application						Benefits
						Personal Care				Home Care		
						Oral	Hair	Skin	Baby	Fabric	Hard Surface	
Phenoxyethanol PR	▲ Phenoxyethanol	Liquid	99.0	<150 ppm	5.5 – 7.0		●	●	●	●	●	Effective against gram-negative & gram-positive bacteria.
Phenoxyethanol P25	▲ Phenoxyethanol	Liquid	99.5	<25 ppm	5.5 – 7.0		●	●	●	●	●	
Phenoxyethanol P10	▲ Phenoxyethanol	Liquid	99.5	<10 ppm	5.5 – 7.0		●	●	●	●	●	
Phenoxyethanol P5	▲ Phenoxyethanol	Liquid	99.5	<5 ppm	5.5 – 7.0		●	●	●	●	●	
Galguard Phenoxyethanol Ultra	Phenoxyethanol	Liquid	99.95	<500 ppb	5.5 – 7.0		●	●	●	●	●	Broad-spectrum antimicrobial protection.
Galguard NK2	Phenoxyethanol and Parabens	Liquid		<10 ppm			●	●	●	●	●	
Galgaurd Trident	Optimized isotropic microemulsion of: Phenoxyethanol, Capryloyl Glycine, & Undecylenoyl Glycine	Liquid	64		5.5-7.0*		●	●	●			
Galguard NT	Undecylenoyl Glycine, Capryloyl Glycine, Benzoic Acid, and Sodium Dehydroacetate	Flakes	95		3.0-4.0		●	●	●			• Broad-spectrum antimicrobial protection. • Free of parabens • Free of Formaldehyde-releasers • Free of Isothiazolinones • Easy to use

- ▲ Kosher Certified
- pH measured as 1% aq. Soln or dispersion / \*5% aq. Soln.



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## GLOBAL PRESENCE



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