

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

CO-SURFACTANTS(EMULSIFIERS) FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Ceteth-2	Skin care creams and lotion	Produces fine textured creams. Stable over wide Ph range
Ceteth-20EO	Skin care, hair care, color cosmetics, sun care	Imparts body and viscosity to creams, stable over wide pH range
Laureth-4EO	Anti-perspirants, depilatories, cuticle removers	Used in combination with laureth-23 as co-emulsifier
Laureth-23EO	Acne scrubs, medicated shampoos, bubble baths, scalp treatment products, bubble bath	Used as cleansing agent and solubilizer. Effective perfume solubilizer for shampoo and liquid detergents.
Laureth-12EO	Shampoo, cleansing creams bubble baths, shower products, liquid hand wash	Used as solubilizer and emulsifier for creams
Oleth-10EO	Skin creams after shaves, hair care, skin toner, baby care and shower products	Used as a co emulsifier for solubilizing fragrance oils in cosmetics product
Oleth-20EO	Skin creams, after shaves, hair care, skin toners, baby care bath and shower products	Used as co-emulsifier for solubilizing fragrances and polar oils in cosmetic products
Steareth-2EO	Anti perspirants, depilatories, bleachers, baby care, DEO, bath and shower products	Used as co-emulsifier along with steareth 20/21 in cream and lotion
Steareth-20EO	Anti perspirants, depilatories, bleachers, baby care, DEO, bath and shower products	Forms stable oil-in water emulsions and produces viscosity and body in creams and lotion
Steareth-21EO	Foundation make up, skin care, hair care, anti-perspirants, depilatories, bleaches, baby care, DEO, bath and shower products.	Forms stable oil in water emulsions and produces viscosity and body cream and lotion.
Ceteareth-20EO	Baby care hair care skin care bath and shower products	Used as an emulsifier for stable emulsions
Tridecyl-12EO	Face washes, hand washes, cleansing creams bath and shower products	Used as solubilizer for fragrances and other polar compounds in serums, gels and cleansing system
Glycereth-7EO	After-shaves, skin toners, shaving creams cleansing creams	Used as humectants in creams and lotions. It adds lubricity and gives non greasy feel.

GSL Trade Name	Application	Properties/Comments
Glycereth 26EO	Foundation make up, skin care, hair care, anti-perspirants, depilatories, bleaches ,baby care DEO, bath and shower product	Used as humectants that offers a smooth and luxurious feel. It is recommended as skin conditioning agent, dispersant, detackifier, solubilizer, viscosity modifier, plasticizer, foam modifier and as exceptional lubricant.
PEG 40 Stearate	Cosmetic products, toiletries topical pharma products	Used as emulsifier, gives fine textured emulsions in presence of electrolytes
PEG 20 Stearate	Skin care, color cosmetics, sun care product	Used as a viscosity builder and emulsion stabilizer in creams and lotions used in products which are required to melt at body temperature.
PEG 100 Stearate	Cosmetic products, toiletries, tropical pharma products	Used as a co-emulsifier in presence of Glycerol Mono Stearate or Tridecyl Stearate to form stable emulsions in presence of electrolytes
Hydrogenated Castor oil 40EO	Baby care, sun care, bath, shower and hair care product	Used as solubilizer for perfume oils and as emulsifier in creams and lotions.
Hydrogenated Castor oil 50EO	Baby care, skin care, hair care and sun care products	Used as solubilizer, pigment disperser wetting agent and as co emulsifier with other products
PEG 6 Methyl ether	Anti perspirants ,foaming cleansers, baby care hair care skin care bath and shower products	Used as emulsifier to produce medium, fine textured creams and lotions. It acts as a spreading aid for bath oils and as solubilizer for oils and fragrance
Polysorbate 20	Skin care, hair care ,color cosmetics, sun care	Used as emulsifier to produce medium, fine textured creams and lotions. It acts as a spreading aid for bath oils and as solubilizer for oils and fragrances.
Polysorbate 60	Skin care, hair care, color cosmetics, sun care	Used as emulsifier to produce medium, fine textured creams and lotions. It acts as a spreading aid for bath oils and as solubilizer for oils and fragrances.
Polysorbate 80	Shampoos skin care, hair care, sun care, baby care and other personal cleansing products.	Used as emulsifiers for cosmetic products
Diethylene Glycol Mono Stearate	Shampoos, skin care, hair care, sun care, baby care and other personal cleansing products.	Used as emulsifier for cosmetic products.
Diethylene Glycol Mono Laurate	Shampoos, skin care, hair care, sun care, baby care and other personal cleansing products.	Used as emulsifier for cosmetic products.

GSL Trade Name	Applications	Properties/Comments
PEG-200 Mono Laurate	Baby care, skin care, sun care bath shower and hair care products	Used as wetting and dispersing agent in colour cosmetics solubilizer and stabilizer
PEG 200 Di Laurate	Baby care, skin care, sun care, bath, shower ,and hair care products	Used as wetting and dispersing agent in colour cosmetics solubilizer and stabilizer
PEG 400 Di Laurate	Bath additives, facial cleanser facial skin care, hand and body care and styling aids	It is a oil- in- water emulsifier, produces excellent micro emulsions.
PEG 400 Mono Laurate	After sun skin care, beach wear sun care, daily wear sun care, facial skin care, hand and body care self tanners and shampoo	It is a oil- in- water emulsifier, produces excellent micro emulsions.
PEG 400 Mono Stearate	Body care, skin care, sun care, bath shower and hair care products	It is used as an emulsifier, plasticizer, solubilizer, wetting agent, cleansing agent, thickening agent.
PEG 400 Di Stearate	Body care, skin care, sun care, bath shower and hair care products	It is used as an emulsifier, plasticizer, solubilizer, wetting agent, cleansing agent, thickening agent.
PEG 400 Mono Oleate	Baby care, skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, solubilizer, wetting agent, cleansing agent thickening agent.
PEG 400 Di Oleate	Baby care, skin care, sun care, bath shower and hair care products	It is use as an emulsifier, solubilizer ,wetting agent ,cleansing agent, thickening agent
PEG 1500 Mono Stearate	Baby care, skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
PEG 1750 Mono Stearate	Baby care, skin care, sun care bath shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
PEG 2000 Di Stearate	Baby care, skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickner, spreading agent.
PEG 6000 Di Stearate	Baby care, skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
Propylene Glycol Mono Stearate	Baby care, skin care, sun care, bath shower and hair care products	Used as Opacifiers, emulsifierers, bodying agents, Dispersing agents. Propylene glycol esters have high skin penetration capability
Glycerol Mono Stearate(40SE/NSE)	Baby care, skin care ,sun care, bath, shower and hair care	Used as a oil- in -water emulsifier in various cosmetic formulations.

GSL Trade Name	Application	Properties/Comments
Sorbitan Mono Oleate	Creams and lotions for skin care, hair care, make-up bases and mild cleaning creams	Used as an emulsifier and spreading aid for bath oils, as solubilizer for oils and fragrances and to increase water dispensibility to anhydrous formulations.
Glyceryl tri Stearate	Baby care, skin care, sun care, bath, shower and hair care products	Used as emulsifier in creams and lotions.

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

EMOLLIENTS AND CONDITIONERS FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Hydrogenated Castor Oil 40EO	Baby care, skin care, hair care, sun care bath and shower products	Used as a water soluble emollient and conditioner in shampoos, body washes skin cleaners etc.
PPG 26-Oleate	Hair care, baby care skin care, sun screens, make up formulations	Used as oil soluble emollient with excellent spreadability giving a smooth medium sensorial feel. It is an excellent solubilizer for solid sun screens and prevents crystallization.
PPG 14 Butyl ether	Skin lotions, body washers, antiperspirants, deodorants, make up formulations	It is a moderate viscosity fluid which provide excellent emolliency ,solvency and smooth feel on skin application
PEG/PPG-17/6 Copolymer	Skin lotions, body washes, antiperspirants, deodorants make up formulations.	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.
PPG-12-Buteth-16	Skin lotions, body washes, antiperspirants, deodorants, make up formulations	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.
PPG-33 Buteth 35	Skin lotions, body washes, antiperspirants, deodorants ,make up formulations	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.
PPG 33-Buteth 45	Skin lotions, body washes, antiperspirants, deodorants, make up formulations	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.
PPG 33 Butyl ether	Skin lotions body washes, antiperspirants, deodorants, make up formulations.	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.
PPG 40 Butyl ether	Skin lotions body washes, antiperspirants, deodorants, make up formulations.	It is a moderate viscosity fluid which provides excellent emolliency, solvency and smooth feel on skin application.

GSL Trade Name	Applications	Properties/Comments
C12-15 Alkyl Benzoate(based on synthetic C12-15 alcohol)	Sun care, skin care, creams and lotions make up gloss formulations.	Used as solvent for sun screens, as fixative for fragrances, for tactile modification and binding of pressed powders. It acts as a emollient with dry yet lubricous feel that is readily absorbed on the body and provides excellent gloss
C12-14 Alkyl Benzoate(Based on synthetic C12-15 alcohol)	Sun care, skin care, creams and lotions make up gloss formulations	Used as solvent for sun screens, as fixative for fragrances, for tactile modification and binding of pressed powders. It acts as a emollient with dry yet lubricous feel that is readily absorbed on the body and provides excellent gloss
C13 Alkyl Benzoate(based on synthetic C13 alcohol)	Sun care, skin care, creams and lotions make up gloss formulation	Used as solvent for sun screens, as fixative for fragrances, for tactile modification and binding of pressed powders. It acts as a emollient with dry yet lubricous feel that is readily absorbed on the body and provides excellent gloss
Diethylene Glycol Mono Olate	Hair care, baby care, skin care, sun screens make up formulations	Used as oil soluble emollient with excellent spreadability, giving a smooth medium sensorial feel. It is an excellent solubilizer for solid sun screens and prevents crystallization.
PEG-400 Mono Laurate	After sun skin care, beach wear sun care, daily wear sun care, facial skincare hand & body care self tanners and shampoos	Used as an emollient, produces smooth textured creams and lotions
PEG 400 Di Laurate	Bath additives, facial cleansers, facial skin care, hand & body care and styling aids	Biodegradable, Co -emulsifying Agent, Emollient, Emulsifying Agent(O/W)Lubricant and Spreading Agent
Glycerol Mono Stearate(40SE/NSE)	Body care, skin care, sun care, bath, shower and hair care products	Used as opacifiers, emollients and bodying agents in cosmetics
Glycerol Di Stearate	Baby care, skin care, sun care bath shower and hair care products	Used as an emollient and as spreading agent in cosmetic formulations
Glyceyl Mono Oleate	Baby care, skin care sun care, bath shower and hair products	Used as an emollient and as spread agent in cosmetic formulations.

GSL Trade Name	Applications	Properties/Comments
Glyceryl tri Oleate	Baby care, skin care, sun care, bath, shower and hair care product	Also known as synthetic olive oil. Used as emulsifier and emollient in special cosmetic formulations
Glyceryl Mono Laurate	Baby care, skin care, sun care, bath, shower and hair care product	Used as emulsifier/emollient in combination with other emulsifiers to produce smooth textured creams
Sorbitan Mono Stearate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	Used as emulsifier/emollient in combination with other emulsifiers to produce smooth textured creams
Sorbitan Tri Stearate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	Used as emulsifier/emollient in combination with other emulsifiers to produce smooth textured creams
Sorbitan Mono Oleate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	Used as emulsifier/emollient in combination with other emulsifiers to produce smooth textured creams. It is stable over wide pH range and produced cream
Sorbitan Mono Palmitate	Creams and lotions for skin care hair care make up bases and mild cleansing creams	Used as a emulsifier/emollient in combination with other emulsifier to produce smooth textured cream
Sorbitan Mono Laurate	Creams and lotions for skin care hair care make up bases and mild cleansing creams	It acts as a humectants, dispersant penetrant, auxiliary emulsifier in Cosmetics and Pharmaceuticals.
Natural oil based Diethanol amides	Shampoos ,bubble baths shower gels, cleansing formulations, hair care and skin care products	Used in various cosmetic formulations as foaming agents. These products have excellent skin feel properties.
PEG-7- Glycerly Cocoate	Skin care, hair care color cosmetics, sun care	Used as water dispersible emollient that provides excellent skin conditioning properties in surfactant based formulations.
PEG 7 Glycerl soyate	Skin care, hair care shampoos and personal cleansing formulations	Used as water dispersible emollient that provides excellent skin conditioning properties in surfactant based formulations.
Soya Amidopropyl Betaine	Shampoos, bubble baths shower gels, cleansing formulations, hair care and skin care products.	It is a unique conditioning feel for the skin, and also has excellent foaming and viscosity building properties.
Oleyl Betaine (50)	Shampoos, bubble baths shower gels, cleansing formulations, hair care and skin care products.	It is used as a mild emollient conditioning surfactant with excellent foam boosting and viscosity building properties
Coco amidopropyl amine oxide (30)	Shampoos, bubble baths shower gel,	They are widely used as mild surfactants

	cleansing formulations, hair care and skin care products	in cleansing formulations and have good conditioning feel.
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GSL Trade Name	Application	Properties/Comments
Sodium Coco Ampho acetate(50)	Shampoos, bubble baths, shower gels cleansing formulations, hair care and skin care products	They are widely used as moisturizers in skin care formulations and also as foaming agents
Disodium Coco Ampho Diacetate(50)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	They are widely used as moisturizers in skin care formulations and also as foaming agents.
Polyglycerol-2/3/4	Baby care, skin care, hair care, bath and shower products	They have superior moisturizing properties and are used as emollients in skin care formulations.
Polyglycerol-3-Laurate	Baby care, skin care, hair care, bath and shower products	It has excellent glossy properties and are used in gloss make ups and hair care products. It gives a bright appearance even in absence of paraffin.
Polyglycerol 3 Oleate	Baby care, skin care, hair care, bath and shower products	It is used as an emollient and skin conditioning agent. It is used in combination with other nonionic surfactants for use in bath oils and foot scrubs.
Emulsifying Waxes	Baby care, skin care, hair care, bath and shower products	It is based on nonionic surfactant and sorbitan esters, giving excellent dispersibility to form opaque and stable emulsions.
Oc tyl Palmitate	Skin care, hair care, deodorants, anti perspirants	It is used as an emollient in skin creams and as fixative for perfumes
Oleyl oleate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners
Myristyl Myristate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient, opacifier in skin conditioners.
Cetereth Ethyl hexanoate	Creams and lotions for skin care, hair care make up bases and mild cleansing creams	It is used as an emollient in skin conditioners and hair care.
Glyceryl Mono Caprylate	Creams and lotions for skin care, hair care make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
Cetyl Palmitate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient,(masking) opacifier in skin conditioners

Isoamyl laurate	Creams and lotions for skin care, hair care make up bases and mild cleansing creams	It is used as an emollient, in skin conditioners.
Octyl Stearate	Skin care, hair care, deodorants, anti perspirants	It is used as an emollient in skin creams and as fixative for perfumes.

GSL Trade Name	Applications	Properties/Comments
Decyl Oleate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
PEG 75 Lanolin	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
Cetyl Ricinoieate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners
Tridecyl Stearate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin creams and as fixative for perfumes.
Di Butyl Adipate	Creams and lotions for skin care hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners as plasticizer, masking and as solvent.
PPG 26 Oleate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
Butyl Stearate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin creams and as fixative for perfumes
Octyl Oleate	Creams and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
Decyl Palmitate	Cream and lotions for skin care, hair care, make up bases and mild cleansing creams	It is used as an emollient in skin conditioners.
Glycereth 7EO	After shaves, skin toners, shaving creams, cleansing creams	Used as humectants in creams and lotions. It adds lubricity and gives non greasy feel
Glycereth 26 EO	Foundation make up skin care, hair care, anti perspirants , depilatories, bleaches baby care, DEO, bath and shower products	Used as humectants that offers a smooth and luxurious feel. It is recommended as skin conditioning agent, dispersant, detackifier, solubilizier viscosity modifier, plasticizer foam modifier and as exceptional lubricant.

Polyethylene Glycols (MW 200-10000)	Baby care, skin care ,hair care, bath and shower products	Used as humectants, fixatives and viscosity modifiers. They are mild, non irritant, neutral and water soluble polymers.
PEG 6000 Di Stearate	Baby care, skin care, sun care, bath shower and hair care products	It is used as an emollient, conditioner.
Sodium Stearyl Lactylate	Shampoos, skin conditioners, lotions barrier creams, make up bases, lips sticks, deodorants, shaving creams.	These are biofriendly products used as emulsifiers and humectants in various cosmetics and personal care formulations

GSL Trade Name	Applications	Properties/Comments
Sodium Oley Lactylate	Shampoos, skin conditioners, lotions, barrier creams, make-up bases, lip sticks, deodorants, shaving creams.	These are biofriendly products, used as emulsifiers and humectants in various cosmetics and personal care formulations.
Sorbitan Mono Laurate	Creams and lotions for skin care, hair care, make-up bases and mild cleansing creams.	It acts as a humectants, dispersant penetrant, auxiliary emulsifier in Cosmetic and Pharmaceuticals.
Polyglycero;-2/3/4	Creams and lotions for skin care, hair care, make-up bases and mild cleansing creams.	They are used as humectants and as emollients in skin care formulations.

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

DISPERING AGENTS FOR THE COSMETICS INDUSTRY

GSL TRADE NAME	Applications	Properties/Comments
Hydrogenated Castor oil 50EO	Baby care skin care hair care and sun care products	Used as solubilizer, pigment disperser, wetting agent and as co-emulsifier with other products.
PEG 6 Methyl ether	Anti perspirants, foaming cleanser, baby care hair care, skin care, bath and shower products	Used as dispersing agent for anti microbial actives in cosmetic formulations.
PPG26 Oleate	Hair care, baby care, skin care, sun screens make up formulations	Used as dispersing agent for moisturizers, sunscreens and essentials oils.
Polysorbate 20	Skin care, hair care color cosmetics sun care	Used as spreading aid for bath oils and to impart water dispensibility to anhydrous systems
Polysorbate 60	Skin care, hair care, color cosmetics, sun care	Used as spreading aid for bath oils and to impart water dispensibility to anhydrous systems
Polysorbate 80	Skin care, hair care, color cosmetics, sun care	Used as spreading aid for bath oils and to impart water dispensibility to anhydrous systems
Glyceryl tri stearate	Baby care, skin care, sun care, bath, shower and hair care products	Used as lubricants in cosmetic formulations and used as matrix for ointments in medicine.

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

LUBRICITY AIDS FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Glycereth-7EO	After shaves skin toners, shaving creams, cleansing creams.	
Glycereth 26EO	Foundation make up, skin care, hair care, antiperspirants depilatories, bleaches, baby car, DEO, bath and shower products	Used as humectants that offers a smooth and luxurious feel. It is recommended as skin conditioning agent, dispersant, detackifier, solubilizer, viscosity modifier, plasticizer, foam modifier and as exceptional lubricant.
PPG 15 Stearyl ether	Moisturizers, cleansing, antiperspirants, hair care, skin care, sun care products.	Used to impart lubricity to skin, provides a soft and smooth appearance. Stable at low pH.

GSL Trade Name	Applications	Properties/Comments
PEG 400 Mono Laurate	After sun skin care, beach wear sun care, daily wear sun care, facial skin care, hand and body care self tanners and shampoos	Used to impart lubricity to skin, provides a soft and smooth appearance. Stable at low Ph

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PEARLIZING AGENTS FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Monoethylene Glycol Mono Stearate	Shampoos, skin care hair care, sun care baby care and other personal cleansing products	Used as opacifiers thickeners, pearlizing agent in creams and lotion
Monoethylene Glycol Di Stearate	Shampoos skin care, hair care, sun care baby care and other personal cleansing products	Used as opacifiers thickeners,pearlizing agent in creams and lotion
Diethylene Glycol Mono Stearate	Shampoos, skin care, hair care, sun care and other personal cleansing products.	Used as opacifiers thickeners,pearlizing agent in creams and lotion
Diethylene Glycol Mono Laurate	Shampoos, skin care, hair care, sun care and other personal cleansing products.	Used as opacifiers thickeners,pearlizing agent in creams and lotion

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DETERGENT AGENTS FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Di Sodium Laureth Sulfosuccinate	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as a mild detergent base with excellent skin compadibility and mild degreasing action.
Di Sodium Octyl Sulfosuccinate(base on natural 2 octanol or synthetic 2 ethyl hexanol)	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care	Used as a mild detergent base with excellent skin compadibility and mild degreasing action.
Potassium Cocoate (40)	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as a mild detergent base with excellent skin compadibility and mild degreasing action.

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FOAMING AGENTS FOR THE COSMETICS INDUSTRY

GSL Trade Name	Applications	Properties/Comments
Coco Monoethanol amide	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as a foam booster and viscosity builder in shampoos and soaps
Lauric Monoethanol amide	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as a foam booster and viscosity builder in shampoos and soaps
Coco Monoethanol amide 3EO/5EO	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as alternatives (liquid) to regular CMEA and has applications as foam booster, viscosity builder in soaps and shampoos.
Coco Diethanol amide	Shampoos bubble baths, shower gels, cleansing lotions hair care, skin care products	Used as foam booster, viscosity builder in shampoos and soaps.

GSL Trade Name	Applications	Properties/Comments
Coco Diethanol amide	Shampoos bubble baths, shower gels, cleansing formulations, hair care and skin care products	Used as foam booster, viscosity builder in shampoos and soaps.
Lauric Diethanol amide	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	Used as a high purity thickener in shampoos, produces flash foams and imparts viscosity to formulations. It has excellent foam stability.
Natural oil based Diethanol amides	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	Used in various cosmetic formulations as foaming agents. These products have excellent skin feel properties.
PEG-4- Natural oil based Diethanolamides	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	Used in various cosmetic formulations as foaming agents. These products have excellent skin feel properties.
PEG 3 Glyceryl Cocoate	Shampoos, bubble baths, shower gels,	It is used in combination with alkyl sulphates

	cleansing formulations, hair care and skin care products	to foam highly stable and dense foams and build excellent viscosities to cosmetic formulations
PEG 30 Glyceryl Cocoate	Shampoos, bubble baths, shower gels ,cleansing formulations, hair care and skin care products	It is used as a low irritant, mild water soluble nonionic surfactant in sensitive skin formulations and other personal care products.
PEG 80 Glyceryl Cocoate	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is used as a low irritant, mild water soluble nonionic surfactant in sensitive skin formulations and other personal care products.
Coco Betaine(35)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Coco Amidopropyl Betaine (35)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Lauric Amidopropyl betaine (35)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is a high purity, low color product with excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.

GSL Trade Name	Applications	Properties/Comments
Soya Amidopropyl Betaine (35)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Oleyl Betaine(50)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Soya Amidopropyl Amine	Shampoos, bubble baths, shower gels,	It is used as a foam booster and builds excellent

Oxide (30)	cleansing formulations, hair care and skin care products	viscosities in cosmetic formulations over a wide pH range.
Lauryl Amine oxide (30)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is used as a foam booster and builds excellent viscosities in cosmetic formulations over a wide pH range.
Sodium Coco Ampho acetate(50)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent foaming agent, producing high foam and widely used in personal care product.
Disodium Coco Ampho Diacetate (50)	Shampoos, bubble baths, shower gels, cleansing formulations, hair care and skin care products	It is an excellent foaming agent, producing high foam and widely used in personal care product.

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

VISCOSITY BUILDERS IN THE COSMETICS INDISTRY

GSL Trade Name	Applications	Properties/Comments
STEARETH 20EO	Anti perspirants, depilatories, bleaches, baby care, DEO, bath and shower products	Forms stable oil-in-water emulsions and produces viscosity and body creams and lotions.
Ceteth 20EO	Skin care, hair care, color cosmetics, sun care	Imparts body and viscosity to creams, stable over wide pH range
Steareth-21EO	Foundation make up, skin care hair care, anti perspirants, depilatories, bleaches, baby care DEO, bath and shower products	Forms stable oil-in-water emulsions and produces viscosity and body creams and lotions.
Glycereth 26EO	Foundation make up, skin care, hair care, anti perspirants, depilatories, bleaches, baby care DEO ,bath and shower products	Used as humectants that offers a smooth and luxurious feel. It is recommended as skin conditioning agent dispersant, detackifier, solubilizer, viscosity modifier, plasticizer, foam modifier and as exceptional lubricant.

GSL Trade Name	Application	Properties/Comments
PEG-20-Stearate	Skin care color cosmetics, sun care products	Used as a viscosity builder and emulsion stabilizer in creams and lotions. Used in products which are required to melt at body temperature.
PEG 1500 Mono Stearate	Baby care skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
PEG 1750 Mono Stearate	Baby care skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
PEG 2000 Di Stearate	Baby care skin care, sun care, bath, shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
PEG 6000 Di Stearate	Baby care skin care, sun care, bath ,shower and hair care products	It is used as an emulsifier, viscosity builder, thickener, spreading agent.
Soya Amidopropyl Betaine	Shampoos bubble bath, shower gels, cleansing formulations, hair care and skin care products	It has a unique conditioning surfactant with excellent foaming and viscosity building properties.
Oleyl Betaine (50)	Shampoos bubble bath, shower gels, cleansing formulations, hair care and skin care products	It is used as a mild emollient conditioning surfactant with excellent foam boosting and

		viscosity building properties.
Polyethylene Glycols(MW 200-10000)	Baby care, skin care, hair care, bath and shower products	Used as humectants, fixatives and viscosity modifier. They are mild, Non irritant, neutral and water soluble polymers
Coco Monoethanol amide	Shampoos bubble bath, shower gels, cleansing formulations, hair care and skin care products	Used as a foam booster and viscosity builder in shampoos. It has low skin irritancy.
Lauric Monoethanol amide	Shampoos bubble bath, shower gels, cleansing formulations, hair care and skin care products	Used as a foam booster for stable and dense foams. Also used for viscosity building in shampoos and soaps.
Coco Monoethanol amide 3EO/SEO	Shampoos bubble bath, shower gels, cleansing formulations, hair care and skin care products	Used as alternatives (liquid) to regular CMEA and has applications as foam booster, viscosity builder in soaps and shampoos.
Coco Diethanol amide	Shampoos, bubble baths shower gels, cleansing formulations, hair care and skin care products	Used as foam booster, viscosity builder in shampoos and soaps.
Lauric Diethanol amide	Shampoos, bubble baths shower gels, cleansing formulations, hair care and skin care products	Used as a high purity thickener in shampoos, produces flash foams and imparts viscosity to formulations. It has excellent foam stability.

GSL Trade Name	Application	Properties/Comments
Coco Betaine(35)	Shampoos, bubble baths, shower gels cleansing formulations hair care and skin products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Coco Amidopropyl Betaine(35)	Shampoos, bubble baths, shower gels cleansing formulations hair care and skin products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.
Lauric Amidopropyl Betaine(35)	Shampoos ,bubble baths, shower gels cleansing formulations hair care and skin products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.

Soya Amidopropyl Betaine(35)	Shampoos, bubble baths, shower gels cleansing formulations hair care and skin products	It is an excellent viscosity building and foam boosting agent and widely used in personal care formulations. It reduces irritation when formulated with other anionic surfactants and have good tolerance to hard water.

CFF AROMATICS LIMITED COSMETICS & PERSONAL CARE

PRESERVATIVE IN THE COSMETICS INDUSTRY

GSL Trade Name	Application	Properties/Comments
Phenoxyethanol	Dermatological products such as hair creams sunscreens and other face lotions	It is an excellent bactericide and used in combination with quaternary ammonium compounds in cosmetic and pharma formulations, as preservative.
phenoxypropanol	Dermatological products such as hair creams, sunscreens and other face washes	It is an excellent bactericide and used in combination with quaternary ammonium compounds in cosmetic and pharma formulations, as preservative.
Benzyl Kohnium Chloride (80/50)	Dermatological products such as hair creams, sunscreens and other face washes	It is used as a preservative in various topical and ocular products in cosmetics and pharma. It also enhances emolliency and sub stativity.
Ethyle hexyl Imino Dipropionate	Liquid soaps, hand wash, sanitizers	It is used as preservative and as biocide in personal care products and sanitizers.0

PRODUCTS FOR COSMETICS INDUSTRY

Sr.	GSL Trade Name	Product details
1.	'PRODUCT-43 AB'	Steareth -2 (Brij 72, uniqema)
2.	'PRODUCT-43 AT'	Streareth- 21 (Brij 721, uniqema)
3.	'PRODUCT-31 AT'	Oleath -20 (Brij 98, uniqema)
4.	'PRODUCT -27 AD'	Laureth – 4 (Brij 30, uniqema)
5.	'PRODUCT -27 AW'	Laureth -23 (Brij 35, uniqema)
6.	'PRODUCT -11 AT'	Ceteath 20 (Brij 58, uniqema)
7.	'PRODUCT- 43 AJ'	STEARETH -10 (Brij 76, uniqema)
8.	'PRODUCT -31 AB'	Oleath -2 (Brij 92, uniqema)
9.	'PRODUCT -42 AH	PEG (8) Stearic Acid (Myrj 45, uniqema)
10.	'PRODUCT -42 BN'	PEG (40) Stearic Acid (Myrj 52, uniqema)
11.	'PRODUCT -42 DV'	PEG (100) Stearic Acid (Myrj 59, uniqema)
12.	'PRODUCT -21 AG'	PEG (7) Hydrogenated Castor Oil (ARLACEL
	989, uniqema)	
13.	'PRODUCT -21 AY'	PEG (25) Hydrogenated Castor Oil (ARLATON
	G, uniqema)	
14.	'PRODUCT -21 BN	PEG (40) Hydrogenated Castor Oil (Eumulgin
	HRE 40, Cognis)	
15.	'PRODUCT - 12 AT'	Cetereth -20 (Eumulgin B2, Cognis)
16.	'PRODUCT – EGP -01	Ethylene Glycol Monostearate
17.	EGDS	Ethylene Glycol Distearate
18.	Product- EP- 6 MST	PEG – 6000 Mono Strearate
19.	PRODUCT –EP -6 DST	'PEG – 75 Lanoline'
20.	'PRODUCT -25 CW'	'PEG -75-Lanoline'
21.	'PRODUCT -25 CW/50'	'PEG -75-Lanoline' 50%
22.	'PRODUCT- PGCL -07	PEG -7 GlycerylCocoate(Cetiol HE, Cognis)
23.	'PRODUCT –EP- 12070'	EO/PO Block Copolymer (Synperonic PE/F127',
	Uniqema /Pluronic F-127, Basf	
24.	'PRODUCT - 3920	Polysorbate -20 (PEG 20 Sorbitan Mono Laurate)

25. 'PRODUCT - 3820	Polysorbate -60 (PEG 20 Sorbitan Mono Stearate)
26. 'PRODUCT - 3720	Polysorbate - 80 (PEG 20 Sorbitan Mono Oleate)
27. PRODUCT - 4020	Polysorbate - 85 (PEG 20 Sorbitan Tri Oleate)
28. PRODUCT – 38 R	Sorbitan Mono Stearate
29. PRODUCT – AC-561	PEG-100 Stearate & Glycerol Mono Stearate
(Arlacel 165, Uniqema)	
30. PRODUCT - 3202	PEG 2 Oleyl Amine (Ethomeen 0/12, Akzo)
31. PRODUCT - 4602	PEG 2 Tallow Amine (Ethomeen T/12, Akzo)
32. PRODUCT –PGLS-06	Polyglycerate-60 (Durfax EOM, Loders Croklaan,
NA)	
33. PRODUCT -37 R	Sorbitan Mono Oleate (Span - 80)
34. PRODUCT -38 R	Sorbitan Mono Stearate (Span - 60)
35. PRODUCT -39 R	Sorbitan Mono Laurate (Span - 20)
36. PRODUCT – CAB/L	Alkyl (C12 – 14) Benzoate (Crodamul AB).

List of CFF Aromatics Limited products and their Eq. Croda names

1.	PRODUCT T 6040 - Symperonic PE / L - 64
2.	PRODUCT 8070 - Symperonic PE / F - 87
3.	PRODUCT 3080 - Symperonic PE / F - 38
4.	PRODUCT 8070 - Symperonic PE / F - 127
5.	PRODUCT O /43 AO - Arlamole E
6.	PRODUCT 42 BN - Mirj 52
7.	PRODUCT 42 AH - Mirj 45
8.	PRODUCT 43 AB - Brij 72
9.	PRODUCT 43 AT - Brij 721
10.	PRODUCT 31 AT – Brij 98
11.	PRODUCT 31 AB – Brij 92
12.	PRODUCT 43 AJ – Brij 76

13.	PRODUCT 11 AT – Brij 58
14.	PRODUCT 27 AW – Brij 35
15.	PRODUCT 27 AD – Brij 30
16.	PRODUCT 6080 - Symperonic PE/ F – 68
17.	PRODUCT EW – Cresmer EW
18.	PRODUCT 21 BN – Cresmer RH 40
19.	PRODUCT 39 AT – Tween 20
20.	PRODUCT 37 AT – Tween 80
21.	PRODUCT 38 AT – Tween 60
22.	PRODUCT 44 DV – MIRJ 59
23.	PRODUCT 12 AT – Cetamagrol 1000
24.	PRODUCT CO 45 – Dehscofix CO 140
25.	PRODUCT 21 AY – Arlatone 6
26.	PRODUCT 21 AG – Arlatone 989
27.	PRODUCT CO 35