

# PRICE TECH GROUP



## SCIENCE SERVICE SAVINGS

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## PTG CS-300 1414



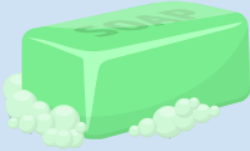
### Chemical Name

**Dimethyl Ammonium Chloride  
Mineral Seal Oil Emulsifier Blend  
CARSPRAY 300 Alternate**

### Features & Benefits

Promotes rapid roll off of rinse water, minimal spotting and streaking. Used in rinse formulations for car washes.

## PTG FreshPlus+



### Chemical Name

**High Performance deodorizing  
Soap Additive Plus Emollient for  
Skin Health**

### Features & Benefits

Light conditioning, no build up, mild cleansing, creamy flash foam. Used in natural shampoo and body soaps, syndet bars

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
PTG ADBAC-80E		
PTG ADBAC-80M		
PTG COAB		
PTG COAB-45		
PTG CS		
PTG CS-205		
PTG CS300-HG		
PTG CS400		
PTG CS400-HG		
PTG CSAB		
PTG CSDA		
PTG CSHS		
PTG CT-29		
PTG CY-40		
PTG DDAC-80%		
PTG HBS		
PTG 4CS		
PTG QS-425		
PTG QS-428		

<b><u>Product</u></b>	<b><u>Chemical Name</u></b>	<b><u>Features &amp; Benefits</u></b>
PTG-CDA	Cocamide DIPA	Emulsifier, foam control agent, foam stabilizer, and viscosity builder in personal care and light duty detergents
PTG CD-5	Cocamide DIPA 5% Free DIPA	Emulsifier, foam control agent, foam stabilizer, and viscosity builder in personal care and light duty detergents
PTG PEG-2C	PEG-2 Cocamide	Emulsifier, foam control agent, foam stabilizer, and viscosity builder in personal care and light duty detergents
PTG-SAPA	Stearamidopropyl Dimethylamine	Conditioning, emulsification and thickening
PTG-34A	Proprietary	Water soluble lubricant and emulsifier for aluminum and copper
PTG-73	Lauramide DEA	Emulsifier, foam control agent, foam stabilizer, and viscosity builder in personal care and light duty detergents

<b><u>Product</u></b>	<b><u>Chemical Name</u></b>	<b><u>Features &amp; Benefits</u></b>
PTG-CAM2AO	Cocobis (2-hydroxyethyl) Amine Oxide	Foam booster and thickener in car wash, household, industrial & institutional cleaners
PTG CAO-35	Cocamidopropyl Amine Oxide	Excellent foam boosting properties, viscosity building and foam stability as well as conditioning
PTG-DAO	Decyldimethylamine Oxide	Highly rinsable surfactant that removes soils and deposits such as soap scums
PTG LAO-35	Lauramidopropyl Amine Oxide	Excellent foam boosting properties, viscosity building and foam stability as well as conditioning
PTG LO	Decyldimethylamine	Surfactant /detergent useful in thickening sodium hypochlorite systems
PTG-MAO	Myristamine Oxide	Excellent foam boosting properties, viscosity building and foam stability as well as conditioning
PTG-MCO	Myristyl/Cetyl Dimethyl Oxide	Excellent foam boosting properties, viscosity building and foam stability as well as conditioning
PTG-OAO	Octyldimethylamine Oxide	Mild detergent and wetting agent in a wide range of industrial cleaners, dishwashing liquids and liquid soaps
PTG-PAO	Cetyl Dimethylamine Oxide	Viscosity building and foam stability as well as conditioning
PTG-SAO	Steramine Oxide	Mild detergent and wetting agent in a wide range of industrial cleaners, dishwashing liquids and liquid soaps
PTG-SAPAO	Stearamidopropyl Dimethylamine	Conditioning, emulsification and thickening
PTG-18:1	Oleamine Oxide	Mild detergent and wetting agent in a wide range of industrial cleaners, dishwashing liquids and liquid soaps

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
PTG CAP-40 MF	Cocoamphopropionate	Superior coupling properties for cationic and nonionic cleansers or conditioning agents in shampoos and other personal care systems
PTG-CB	Coco Betaine	Used to increase mildness, generate flash foam, and stabilize foams while increasing viscosity
PTG-CS	Cocoamphopropionate	Foam boosting and viscosity building for personal care and household, institutional and industrial applications
PTG CyAB-37	Cocamidopropyl Hydroxysultaine	Low foaming efficient hydrotrope to couple nonionic surfactants into medium duty alkaline systems
PTG-LB	Lauryl Betaine	Used to increase mildness, generate flash foam, and stabilize foams while increasing viscosity
PTG-LS	Lauramidopropyl Hydroxysultaine	Foam boosting and viscosity building for personal care and household, institutional and industrial applications
PTG-MB	Myristyl Betaine	sed to increase mildness, generate flash foam, and stabilize foams while increasing viscosity
PTG-OB	Oleyl Betaine	sed to increase mildness, generate flash foam, and stabilize foams while increasing viscosity
PTG SAPB	Stearamidopropyl Betaine	sed to increase mildness, generate flash foam, and stabilize foams while increasing viscosity
PTG T2G	Dihydroxyethyl Tallow Glycinate	Efficient acid thickener that provides ease of formulation, acid stability, and corrosion inhibiting properties
PTG-2CM	Disodium Cocoamphodipropionate	Mild amphoteric surfactant, foam booster and viscosity builder in personal care, household, institutional and industrial cleaning
PTG 2CM-MF	Disodium Cocoamphodipropionate	Mild amphoteric surfactant, foam booster and viscosity builder in personal care, household, institutional and industrial cleaning

<b><u>Product</u></b>	<b><u>Chemical Name</u></b>	<b><u>Features &amp; Benefits</u></b>
PTG CSS-40	Disodium Cocamido MIPA-Sulfosuccinate 40%	High foaming, mild cleanser with excellent after-feel
PTG DOSS-70E	Diocetyl Sodium Sulfosuccinate	Surfactant and wetting agent that provide wetting, rewetting leveling and surface tension reduction
PTG DOSS-75E	Diocetyl Sodium Sulfosuccinate	Surfactant and wetting agent that provide wetting, rewetting leveling and surface tension reduction
PTG DOSS-70PG	Diocetyl Sodium Sulfosuccinate	Surfactant and wetting agent that provide wetting, rewetting leveling and surface tension reduction
PTG DOSS-75PG	Diocetyl Sodium Sulfosuccinate	Surfactant and wetting agent that provide wetting, rewetting leveling and surface tension reduction
PTG DHSS-80	Dihexyl Sodium Sulfosuccinate	Lower foaming surfactant and wetting agent provides wetting, rewetting, leveling and surface tension reduction
PTG-L3SS	Disodium Laureth-3 Sulfosuccinate	High Foaming, mild cleanser with excellent after-feel
PTG LF-FW		



<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
PTG-P3P	Phenol-3 Phosphate	Phosphate esters are highly suitable to use as lubricants, emulsifying agents, wetting agents, anti-statics, corrosion inhibitors and hydrotropes in cleaning formulations
PTG-EHP	Ethylhexyl Phosphate	
PTG-2EHP	Di (2ethylhexyl) Phosphate	
PTG-D4P	Deceth-4 Phosphate	
PTG-D6P	Deceth-6 Phosphate	
PTG-TD3P	Trideceth-3 Phosphate	
PTG-TD6P	Trideceth-6 Phosphate	
PTG-TD8.5P	Trideceth-8.5 Phosphate	
PTG NP-9.5P	Nonylphenol-9.5 Phosphate	
PTG-P4P	Phenol-4 Phosphate	
PTG-P6P	Phenol-6 Phosphate	
PTG-PE25R1E		

PTG-HP	<b>Cannabis Sativamidopropyl PG-Dimonium Chloride Phosphate*</b>	Highly substantive to skin and hair, skin normalizer, non-occlusive moisturizer, silky smooth elegant after-feel, skin emollient.  Used on sensitive dry or scaly skin. Use in moisturizers, barrier cream lotions, wrinkle modifiers, anti-irritants, protection creams, aanty acne and dandruff preparations.
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<b><u>Product</u></b>	<b><u>Chemical Name</u></b>	<b><u>Features &amp; Benefits</u></b>
PTG IS-12	<b>Isosorbide Monolaurate</b>	A white waxy solid that provides greaseless emollience to a wide variety of creams, lotions, and conditioners. Commonly used in the cosmetics industry.
PTG IS-18	<b>Isosorbide Mono Isostearate</b>	Natural emulsifier/emollient that serves as a pearlizing agent and opacifier in cosmetic compositions and detergents. It serves to improve the aesthetics of formulation while also adding emollience for a smooth skin feel.
PTG IS-20	<b>Isosorbide Dioleate</b>	Used in cosmetic formulations for improving the sensory impression brought about when applied to skin or hair. Increases the ability to distribute the product on the skin and aids in smooth skin feel.
PTG IS-28	<b>Isosorbide Dicaprylate</b>	A lipophilic hydrator and skin barrier builder used in personal care formulations in order to provide long-lasting hydration to the skin and contribute to maintaining a healthy skin barrier.
PTG IS-CS	<b>Isosorbide Monocannabis Sativate</b>	A hemp seed oil derived cosmetic ester designed to impart a light, silky feel on the skin and help improve emolliency and luster of the finished product formulation. Compatible with CBD oil for optimal personal care applications.
PTG IS-2CS	<b>Isosorbide Dicannabis Sativate</b>	A hemp seed oil derived diester used to condition and rejuvenate skin and hair, without leaving greasy after-feel. Compatible with CBD oil for optimal personal care applications

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
<b>PTG-400ML</b>	<b>PEG-400 Monolaurate</b>	Emulsifier, emollient, solubilizers, viscosity control agents and lubricant for personal care, metalworking and industrial products
<b>PTG-400MO</b>	<b>PEG-400 Monooleate</b>	Emulsifier, emollient, solubilizers, viscosity control agents and lubricant for personal care, metalworking and industrial products
<b>PTG-400DO</b>	<b>PEG-400 Dioleate</b>	Emulsifier, emollient, solubilizers, viscosity control agents and lubricant for personal care, metalworking and industrial products
<b>PTG-400DT</b>	<b>PEG-400 Ditallate</b>	Emulsifier, emollient, solubilizers, viscosity control agents and lubricant for personal care, metalworking and industrial products
<b>PTG PPG-2000DT</b>	<b>PPG-2000 Ditallate</b>	Emulsifier, emollient, solubilizers, viscosity control agents and lubricant for personal care, metalworking and industrial products

<b><u>Product</u></b>	<b><u>Chemical Name</u></b>	<b><u>Features &amp; Benefits</u></b>
PTG CY-40	Sodium Alkanoate	Very low foaming biodegradable hydrotrope designed to solubilize conventional nonionic ethoxylates as well as capped low foaming nonionic into liquid detergents
PTG NF-10	Anionic Surfactant Complex	Low foaming anionic matrix designed for use as the sole detergent in highly built alkaline cleaner concentrates.
PTG NF-15	Anionic Surfactant Complex	
PTG NF-20	Anionic Surfactant Complex	
PTG NF-25	Anionic Surfactant Complex	
PTG dL-1	Surfactant Matrix	Hard surface detergent and degreaser
PTG 226U	Custom	
PTG AEG-2020C	Custom	
PTG AEG-2020H	Custom	
PTG 96	Phenol-6 Phosphate Potassium Salt	Hydrotrope designed to solubilize conventional nonionic ethoxylates as well as capped low foaming nonionics into liquid detergents
PTG Solvent-G	Ethylhexyl Benzoate	Highly effective cleaner/degreaser with exceptionally light dry feel for hand cleaners, creams/lotions and deodorants
PTG 810-40	Sodium Alkanoate	Very low foaming biodegradable hydrotrope designed to solubilize conventional nonionic ethoxylates as well as capped low foaming nonionics into liquid detergents
PTG 1250	Sodium Alkanoate	Very low foaming hydrotrope designed to solubilize conventional nonionic ethoxylates as well as capped low foaming nonionics into liquid detergents

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
PTG BAC-50	<b>Benzalkonium Chloride</b>	A broad spectrum of bacteriological control useful in hand sanitizers and OTC drug products
PTG BAQ-B	<b>Soyethyl Morpholinium Ethosulfate and Cocamidopropyl PG-Dimonium Chloride Phosphate and Benzalkonium Chloride</b>	Improves and enhances the overall microbial and antiviral properties, provides long lasting performance and deodorizing benefits while increasing the sensorial attributes on the skin
PTG BTAC-80	<b>Behentrimonium Chloride 80%</b>	Delivers outstanding conditioning, wet-comb, detangling, softening, suspending/dispersancy and emulsification
PTG BTAC-85	<b>Behentrimonium Chloride</b>	Delivers outstanding conditioning, wet-comb, detangling, softening, suspending/dispersancy and emulsification
PTG-CP	<b>Cocamidopropyl PG-Dimonium Chloride Phosphate</b>	Mild cleanser with broad spectrum antimicrobial properties used in wipes, hand cleaners and personal care
PTG CT-29	<b>Cetrimonium Chloride</b>	Conditioner for hair and skin used in sanitizing hand cleaners, shampoos and emulsions
PTG-D1	<b>Soyethyl Morpholinium Ethosulfate</b>	Deodorizers and biocide coadjuvant for room fresheners, landfills, and sanitizing air fresheners
PTG-D1 MAX	<b>Soyethyl Morpholinium Ethosulfate Matrix</b>	Deodorizer, biocide coadjuvant, for hand sanitizers, cleaners and sprays
PTG-D1 Plus PTG D1-DC Grade	<b>Soyethyl Morpholinium Ethosulfate Matrix</b>	Deodorizer, biocide coadjuvant, for cleaner
PTG-DCMC	<b>Dicetyldimonium Chloride</b>	Conditioner for hair and skin used in shampoos and emulsions
PTG-ISIES	<b>Isostearyl Ethylimidazolinium Ethosulfate</b>	Conditioner, softener and antistat for hair care, textile and surface antistatic cleaners
PTG-LP	<b>Linoleamidopropyl PG-Dimonium Chloride Phosphate</b>	Emulsifier and moisturizer that delivers essential fatty acids in creams, lotions, shower gels and facial washes
PTG LT-30	<b>Lauryl Trimonium Chloride</b>	Conditioner/antistat for hair and skin used in sanitizing hand cleaners, shampoos and emulsions
PTG-L5	<b>Dihydroxypropyl PEG-5 Linoleammonium Chloride</b>	Conditioner/antistat for hair and skin used in sanitizing hand cleaners, shampoos and emulsions
PTG-SP	<b>Stearamidopropyl PG-Dimonium Chloride Phosphate</b>	Emulsifier and emollient used in creams. Lotions, body washes, wipes, hand cleaners and personal care

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>
PTG-DMI	Dimethyl Isosorbide	Delivery vehicle for solvents, actives, peptides, DHA in skin care preparations
PTG-LL	Lauryl Laurate	Moisturizing emollient in deodorants, creams, lotions, hot pour preparations and lipsticks
PTG-OP	Octyl Palmitate	Emollient in cosmetic emulsions and personal care products including color cosmetics such as make-up and lipsticks. In hair care and hair sprays it provides sheen without greasiness
PTG-200	Betaine Complex	Deodorizer for DHA preparations, pet shampoos, and cleaner/wipes
PTG CW-3	Dicocodimonium Chloride	Emulsifier for mineral seal oil and other hydrophobic solvents that makes very effective drying agents for automatic car wash systems by removal of water with balance of beading sheeting actions.

<b>Product</b>	<b>Chemical Name</b>	<b>Features &amp; Benefits</b>