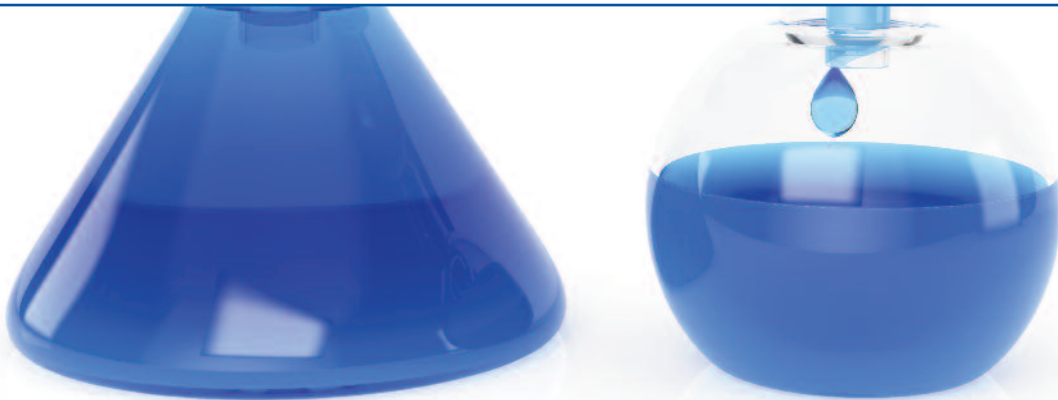




# PROTAMEEN

**DEDICATED INGREDIENT RESOURCES GUIDE**



Providing the world's highest quality Specialty Ingredients  
for all your personal care formulation needs.....



# HAIR CARE

| Shampoo         |                           |   |
|-----------------|---------------------------|---|
| Product         | INCI                      | Function  |
| Protachem DG    | Decyl Glucoside           | Surfactant - Cleansing, Emulsion Stabilizing  |
| ProAqua ISL     | Isosteareth-200 Linoleate | Ester, Moisturization, Water-Soluble  |
| Protamer LG-1   | Acrylates Copolymer       | Cold processable, liquid, rheology modifier, viscosity increasing and emulsion stabilizer         |
| Proteric CAB-LC | Cocamidopropyl Betaine    | Secondary surfactant - antistatic, hair condition, cleansing, foam boosting, viscosity increasing |
| Protamide CME   | Cocamide MEA              | Secondary surfactant - foam boosting, viscosity increasing, emulsifying, emulsion stabilizing     |
| Protapon SCI    | Sodium Cocoyl Isethionate | Surfactant - Cleansing, hair conditioning   |

| Conditioner       |  |  |
|-------------------|--|--|
| Product           | INCI                                     | Function   |
| dl-Panthenol      | Panthenol                                | Conditioning agent, anti-static  |
| Protachem ISL     | Isostearyl Linoleate                     | Emollient, skin conditioning ester   |
| Protamer LG-1     | Acrylates Copolymer                      | Cold processable, liquid, rheology modifier, viscosity increasing and emulsion stabilizer    |
| Protachem GMS-165 | Glyceryl Stearate (and) PEG-100 Stearate | Emulsifier, Thickener, Viscosity Control, Opacifying Agent, Self-Emulsifying Blend, HLB = 11 |
| Protachem CT-29   | Cetrimonium Chloride                     | Antistatic, conditioning, emulsifying  |

| Styling          |                                |  |
|------------------|--------------------------------|--|
| Product          | INCI                           | Function   |
| Protalan Alcohol | Lanolin Alcohol                | Binder, emulsion stabilizer, hair conditioning, anhydrous thickening, emollient, emulsion stabilizer |
| Procol OA-10     | Oleth-10                       | Emulsifying agent, HLB=12.4  |
| Protachem HCO-25 | PEG-25 Hydrogenated Castor Oil | Solubilizer, Emulsifying agent, HLB=10.8   |
| Procol CS-20     | Ceteareth-20                   | Solubilizing agent, HLB=10.8   |

Since 1969, Protameen Chemicals has serviced the ever-changing needs of the cosmetics, toiletries, personal care, pharmaceutical and food related industries.

During these 45+ years of service, Protameen has established itself as a reliable and trusted source of Specialty Materials.

# SKIN CARE



| Face            |  |   |
|-----------------|--|---|
| Product         | INCI   | Function  |
| Protaderm G     | Glycolic Acid                                | Exfoliant, pH adjuster  |
| Prochem SPCA    | Sodium PCA                                   | Humectant, skin conditioning  |
| Prochem 100 CG  | Hydrolyzed Collagen                          | Emollient, film forming, humectant, conditioning                        |
| Protamer Z-21   | Acrylates/C10-30 Alkyl Acrylate Crosspolymer | Self-wetting powder, rheology modifier, viscosity increasing agent      |
| Proteric CDX-38 | Disodium Cocoamphodiacetate                  | Primary or Secondary surfactant, cleansing, foam boosting, conditioning |
| Proteric CEM-38 | Disodium Cocoamphodipropionate               | Primary or Secondary surfactant, cleansing, foam boosting, conditioning |

| Body                |                                    |   |
|---------------------|------------------------------------|---|
| Product             | INCI                               | Function  |
| Protachem HCO-40    | PEG-40 Hydrogenated Castor Oil     | Solubilizer, Emulsifying Agent  |
| Procol CS-20-D      | Cetearyl Alcohol (and) Cetareth-20 | Emulsifying Blend for O/W formulations  |
| Protachem GMS-450 V | Glyceryl Stearate                  | Emollient, Emulsifying Agent  |
| Protamer Z-10       | Carbomer                           | Self-wetting powder, rheology modifier, viscosity increasing agent                                  |
| Protachem GC-7      | PEG-7 Glyceryl Cocoate             | Emollient, Emulsifying Agent  |
| Proteric JS         | Cocamidopropyl Hydroxysultaine     | Primary or Secondary surfactant, cleansing, foam boosting, conditioning, viscosity increasing agent |

| Sun            |  |   |
|----------------|--|---|
| Product        | INCI   | Function  |
| Protachem OMC  | Ethylhexyl Methoxycinnamate                  | Octinoxate - Sunscreen Agent<br>Absorbs UVB rays (which burn)   |
| Protachem AVO  | Butyl Methoxydibenzolymethane                | Avobenzene - Sunscreen Agent<br>Absorbs UVA rays (which age)  |
| Protachem TN   | C12-15 Alkyl Benzoate                        | Solubilizer, emollient  |
| Protaphenone-3 | Benzophenone-3                               | Oxybenzone - Sunscreen Agent - Absorbs UVB and short UVA, used in conjunction with other Sunscreen Agents     |
| Protaphenone-4 | Benzophenone-4                               | Sulisobenzene - Sunscreen Agent<br>Absorbs UVB and short UVA, used in conjunction with other Sunscreen Agents |
| Protachem CTG  | Caprylic/Capric Triglyceride                 | Occlusive agent   |
| Protamer PE-2  | Acrylates/C10-30 Alkyl Acrylate Crosspolymer | Solubilizer of oil in water up to 50% oil, emulsifier, emulsion stabilizer, viscosity increasing              |



# SPECIALTIES



| Eye          |                |   |
|--------------|----------------|---|
| Product      | INCI           | Function  |
| Protachem LL | Lauroyl Lysine | Skin conditioning, hair conditioning for use in powder and solid formulations |

| Lip           |                              |   |
|---------------|------------------------------|---|
| Product       | INCI                         | Function                                      |
| Protachem CTG | Caprylic/Capric Triglyceride | Occulsive agent                               |
| Protachem CER | Cetyl Ricinoleate            | Emollient, skin conditioning, occlusive agent |
| Protachem ISP | Isostearyl Palmitate         | Emollient, binding, skin conditioning         |

| Face            |                       |                   |
|-----------------|-----------------------|-------------------|
| Product         | INCI                  | Function          |
| Protachem SOC-V | Sorbitan Sesquioleate | Emulsifying agent |
| Protachem OP    | Ethylhexyl Palmitate  | Emollient         |

| Baby            |                                |   |
|-----------------|--------------------------------|---|
| Product         | INCI                           | Function  |
| Proteric CDX-38 | Disodium Cocoamphodiacetate    | Primary or Secondary surfactant, cleansing, foam boosting, conditioning                             |
| Proteric CEM-38 | Disodium Cocoamphodipropionate | Primary or Secondary surfactant, cleansing, foam boosting, conditioning                             |
| Protachem CTG   | Caprylic/Capric Triglyceride   | Occulsive agent   |
| Proteric JS     | Cocamidopropyl Hydroxysultaine | Primary or Secondary surfactant, cleansing, foam boosting, conditioning, viscosity increasing agent |
| Protasorb O-20  | Polysorbate 80                 | Solubilizer for Fragrances, Solubilizer for Vitamins  |

| Fragrance        |                                |   |
|------------------|--------------------------------|---|
| Product          | INCI                           | Function  |
| Protasorb L-20   | Polysorbate 20                 | Solubilizer for Fragrances, Solubilizer for Actives, Solubilizer for Essential Oils                           |
| Protachem HCO-40 | PEG-40 Hydrogenated Castor Oil | Solubilizer for Fragrances, Solubilizer for Actives, Solubilizer for Essential Oils, Solubilizer for Vitamins |
| Protachem OP-9   | Octoxynol-9                    | Fragrance Solvent   |
| Protachem TN     | C12-15 Alkyl Benzoate          | Fragrance Solvent   |



# Manufacturing in NJ

| Product            | INCI   | Function   |
|--------------------|--|--|
| Procol CS-20-D     | Cetearyl Alcohol (and) Cetareth-20   | Emulsifying Blend for O/W formulations   |
| Procol CS-LS       | Cetearyl Alcohol (and) Sodium Lauryl Sulfate                                   | Emollient, Emulsifying Blend for O/W formulations  |
| Procol CS-W        | Cetearyl Alcohol (and) Polysorbate 60  | Emollient, Emulsifying Blend for O/W formulations, High HLB  |
| Procol P           | Cetearyl Alcohol (and) Polysorbate 60 (and) PEG-150 Stearate (and) Steareth-20 | Emulsifying Blend for O/W formulations, Broad pH Stability   |
| Procol ST-20-G     | Stearyl Alcohol (and) Cetareth-20  | Emulsifying Blend for O/W formulations, Broad pH Stability   |
| Protachem ISP      | Isostearyl Palmitate   | Emollient, Binding Agent, Skin Conditioning Agent  |
| Protachem ISL      | Isostearyl Linoleate   | Emollient, Skin Conditioning Agent   |
| Protachem ICS      | Isocetyl Stearate  | Skin Conditioning Agent, Emollient   |
| Protachem G5509 V  | Glyceryl Stearate SE   | O/W Emulsifier, Good for High Oil Content formulations   |
| Protachem GDL      | Glyceryl Dilaurate   | Skin Conditioning Agent, Emollient, Emulsifying Agent  |
| Protachem MLD      | Glyceryl Laurate   | Emollient, Emulsifying Agent   |
| Protachem MST      | Cetyl Esters   | Skin Conditioning Agent, Emollient, Thickening Agent   |
| Protacide NA3 EDTA | Trisodium EDTA   | Chelating Agent, Boosts Activity of Preservatives, Sun Screens, Blocks Heavy Metals from Oxidizing                             |
| Protalan M-16      | Mineral Oil (and) Lanolin Alcohol  | Binder, Emulsion Stabilizer, Hair Conditioning Agent, Anhydrous Viscosity Increasing, Antistatic, Emollient, Emulsifying Agent |
| Protamide B        | Behenamidopropyl Dimethylamine   | Hair Conditioning, Antistatic Ingredient, Emulsifying Agent  |
| Protamide CME      | Cocamide MEA   | Surfactant, Foam Booster, Viscosity Increasing Agent, Emulsifying Agent, Emulsion Stabilizing Agent                            |
| Protamide LME      | Lauramide MEA  | Surfactant, Foam Booster, Viscosity Increasing Agent, Emulsifying Agent, Emulsion Stabilizing Agent                            |
| Protaphos CES      | Cetyl Phosphate  | Ester, Emulsifying Agent   |
| Protaquat ASP      | Cetearyl Alcohol & PEG-40 Hydrogenated Castor Oil & Stearalkonium Chloride     | Hair Conditioning, Antistatic Ingredient, Emulsifying Agent  |



# REACH POLICY



Protameen Has developed excellent Distribution Partners throughout Europe.

Through this network Protameen can supply an array of REACH Registered products and will strive to continually add to our product offerings.

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