



Active Pharmaceutical
Ingredients

Pharmaceutical Excipients

Topical Ingredients

Extracts

Preservatives

Pharma Portfolio

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Our Partners



Active Pharmaceutical Ingredients

Strategic APIs

Product	CAS	Use	Grade
Chlorhexidine Digluconate	18472-51-0	Antiseptic agent Disinfectant	Ph.Eur./ USP Certificate of suitability (CEP) REACH
Chlorhexidine Dihydrochloride	3697-42-5	Disinfectant Topical anti-infective agent	Ph.Eur. Certificate of suitability (CEP) REACH
Methylphenobarbital	115-38-8	Anticonvulsants Sedative	Ph.Eur. Certificate of suitability (CEP)
Methyl Nicotinate	93-60-7	Rubefacient Inflammation	Ph.Eur.
Benzylnicotinate	94-44-0	Anti-rheumatic	DAB 99
Potassium Sulfoguaiacolate	78247-49-1	Expectorant	Ph.Eur./ USP
Guaifenesin	93-14-1	Expectorant	Ph.Eur./ USP Certificate of suitability (CEP)
Tripelennamin HCl	22306-05-4	Antipruritic and antihistamine	USP

Avesta Pharma

Macrogol

Product	Description	Grade
Macrogol 3350	Polyethylene glycol, PEG	BP/EP/NF Certificate of suitability (CEP)
Macrogol 4000	Polyethylene glycol, PEG	BP/EP/NF Certificate of suitability (CEP)

- Active for laxatives
- ICH Q7 GMP
- EDMF Macrogol 3350/4000 available

Dow Corning™

Simethicone and Emulsion

Product	Description	Grade
Q7-2243 LVA, Simethicone USP	Silicone antifoam Low volatile	Simeticone EP Certificate of suitability (CEP) Simethicone USP, US-DMF
Antifoam M Compound	Silicone antifoam Low volatile	Simeticone EP Certificate of suitability (CEP)
Q7-2587 30% Simethicone Emulsion USP	Emulsion containing 30% simethicone	Simethicone Emulsion USP
7-9255 30% Simethicone Emulsion USP	Emulsion containing 30% simethicone	Simethicone Emulsion USP

- Active for prescription/OTC/medical device antifatulents
- Foam control in medical and pharmaceutical applications
- Process aid for biofermentation
- ICH Q7 GMP
- FDA registered production site

Dimethicone Fluid

Product	Description	Grade
Q7-9120 Silicone Fluid 20 cSt 100 cSt 350 cSt 1.000 cSt 12.500 cSt	Polydimethylsiloxane, PDMS Dimethicone	Dimeticone EP Certificate of suitability (CEP) Dimethicone NF, US-DMF

- Active for prescription/OTC/medical device antflatulents
- ICH Q7 GMP
- FDA registered production site

Grillo Zinkoxid

Zinc Oxide Pharma

Product	Description	Grade
Zinc Oxide Pharma 4 API	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP CEP, ASMF in process (expected in Q4.2018)
Zinc Oxide Pharma 6 API	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP CEP, ASMF in process (expected in Q4.2018)
Zinc Oxide Pharma 8 API	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP CEP, ASMF in process (expected in Q4.2018)

- Pharmaceutical API
- UV-protection, wound healing, antiseptic effect, antimicrobial effect
- GMP certification in process (expected in Q4.2018)

Tereos Starch & Sweeteners

Glucose Monohydrate Injectable Grade

Product	Description	Grade
Meridex™	Glucose monohydrate Tested on bacterial endotoxin (L.A.L test)	Dextrose USP/NF Glucose Monohydrate EP
Meridex™ PF	Glucose monohydrate Tested on pyrogens (Ph. Eur.)	Dextrose USP/NF Glucose Monohydrate EP

- Parenteral nutrition, infusion solutions, haemodialysis (HD) and eritoneal dialysis (PD)
- Matches key properties such as purity, flowability and product stability during processing

Pharmaceutical Excipients

Avesta Pharma

Macrogol

Product	Description	Grade
Macrogol 200	Polyethylene glycol, PEG	NF
Macrogol 400	Polyethylene glycol, PEG	EP/NF
Macrogol 3350	Polyethylene glycol, PEG	BP/EP/NF Certificate of suitability (CEP)
Macrogol 4000	Polyethylene glycol, PEG	BP/EP/NF Certificate of suitability (CEP)
Macrogol 6000	Polyethylene glycol, PEG	BP/EP/NF
Macrogols under development 300/600/1000/8000	Polyethylene glycol, PEG	EP/NF

- Solubility enhancer, non-alcohol diluent
- Filler
- ICH Q7 GMP

Tereos Starch & Sweeteners

Starch

Product	Description	Grade
Meritena 141 Pharma	Maize starch powder/ Corn starch	Maize Starch EP Corn Starch NF

- Quality system based on IPEC-PQG GMP for pharmaceutical excipients
- Solid dosage forms, direct compression, capsules and powders
- Medicated confectionery, hard boiled candies, gums, chewing gums

Dextrose/Glucose

Product	Description	Grade
Meritose Pharma	Dried D-glucose/dextrose powder Dextrose monohydrate Range of specific particle sizes	Glucose Monohydrate EP Dextrose USP/NF
Mylose Pharma	Glucose syrup Dextrose equivalent and sugar spectrum	Glucose Liquid EP Liquid Glucose USP/NF
Glucomalt Pharma	Glucose syrup Dextrose equivalent and sugar spectrum	Glucose Liquid EP Liquid Glucose USP/NF
Glucodry G Pharma	Glucose syrup spray-dried Dextrose equivalent and sugar spectrum	Glucose liquid spray-dried EP

- Quality system based on IPEC-PQG GMP for pharmaceutical excipients
- Solid dosage forms, direct compression, wet and dry granulation, capsules and powders
- Liquid dosage forms, syrups, solutions, suspensions
- Medicated confectionery, hard boiled candies, gums, chewing gums

Maltodextrin

Product	Description	Grade
Maldex Pharma	Spray-dried maltodextrin powder Range of specific particle sizes	Maltodextrin EP, USP/NF
Maldex G Pharma	Spray-dried maltodextrin granulate Range of specific particle sizes	Maltodextrin EP, USP/NF

- Quality system based on IPEC-PQG GMP guidelines for pharmaceutical excipients
- Solid dosage forms, direct compression, wet and dry granulation, capsules and powders
- Liquid dosage forms, syrups, solutions, suspensions
- Medicated confectionery, hard boiled candies gums, chewing gum
- Clinical nutrition, baby food

Polyoles

Product	Description	Grade
Merisorb Pharma	Crystallised sorbitol powder (min. 97 % D-sorbit) Range of specific particle sizes	Sorbitol EP, USP/NF
Merisorb SD Pharma	Spray-dried sorbitol powder (min. 97 % D-sorbit) Range of specific particle sizes	Sorbitol EP, USP/NF
Merisorb BEC	Spray-dried sorbitol powder (min. 97 % D-sorbit) Bacterial endotoxin controlled	Sorbitol EP, USP/NF
Meritol Pharma	Crystallising sorbitol syrup Non-crystallising sorbitol syrup	Sorbitol Liquid (crystallising) EP Sorbitol Liquid (non-crystallising) EP
Maltilite Pharma	D-Maltitol from maltitol syrup Range of specific maltitol contents and dry substances	Maltitol Liquid EP
Maltilite P 200 Pharma	D-Maltitol powder	Maltitol EP

- Quality system based on IPEC-PQG GMP for pharmaceutical excipients
- Solid dosage forms, direct compression, wet and dry granulation, capsules and powders
- Liquid dosage forms, syrups, solutions, suspensions
- Medicated confectionery, hard boiled candies gums, chewing gum

Tereos Sugar France

Sucrose

Product	Description	Grade
Sucrose solution	Perfectly clear solution, very low colour level	Made from USP/NF Sucrose
Compressuc® MS	Spray-dried sucrose Anhydrous, easily soluble in water	USP/NF Compressible Sugar
Compressuc® PS	Spray-dried sucrose Anhydrous, easily soluble in water	USP/NF Sucrose EP Sucrose
Alveosucré Fine Grains	Agglomerated sucrose	EP Sucrose
Pearl sugar 30	Agglomerated sucrose	EP Sucrose
Pure icing sugar	Milled sucrose	EP Sucrose
Granulated sugars	Screened sucrose Particle size 600-2000 µm	EP Sucrose
Caster sugars	Screened sucrose Particle size 250/400 µm	EP Sucrose
HPLC sucrose	Spray-dried sucrose	USP/NF, EP, JP Sucrose

Sucrose With Functional Additives

Product	Description	Grade
Alveosucree Fine Grains with dextrin	Agglomerated sucrose + dextrin	USP/NF Compressible Sugar
Icing sugar with starch	Milled sucrose + starch	USP/NF Confectioner's Sugar
Icing sugar with silica	Milled sucrose + silica	Components according to EP monographs

- Quality system based on IPEC-PQG GMP for pharmaceutical excipients
- Solid dosage forms, direct compression, wet and dry granulation, capsules, powders and sugar spheres
- Liquid dosage forms, syrups, solutions, suspensions, dry syrups

CPKelco – Cellulose Derivative

Carmellose Sodium

Product	Description	Grade
Cekol	Carmellose sodium, CMC Available in a wide range of viscosity grades	Carmellose Sodium EP Carboxymethylcellulose NF

- Tablet coating
- Thickener and rheology modifier
- Stabilisation of emulsions and suspensions

CPKelco – Biogums

Xanthan Gum

Product	Description	Grade
Xantural® 11K	Xanthan gum 14 mesh/1,18 mm particle size	Xanthan Gum EP/NF
Xantural® 180	Xanthan gum 80 mesh/180 µm particle size	Xanthan Gum EP/NF
Xantural® 75	Xanthan gum 200 mesh/75 µm particle size	Xanthan Gum EP/NF

- Quality system based on IPEC-PQG GMP for pharmaceutical excipients
- Thickener, rheology modifier or gel forming agent
- Stabilisation of emulsions and suspensions
- Controlled drug release formulations

Pectine

Product	Description	Grade
Genu® Pectin	Pectin from citrus peel High ester pectin (DE >50%) Range of specific particle sizes Available in different viscosity grades	Pectin USP

- Gel forming agent
- Textures from gels to structured fluids
- Used as water-binding and film-forming agents
- Emulsion/suspension stabilisation
- Buffer effect to pH 3-5
- Ability to absorb and bind water

Carrageenan

Product	Description	Grade
Genugel® CG-130	Kappa-carrageenan Firm and brittle gels	Carrageenan NF
Genuvisco® CG-131	Iota-carrageenan Elastic and cohesive gels	Carrageenan NF
Genuvisco® CG-129	Lambda-carrageenan Viscous non-gelling solutions	Carrageenan NF

- Gel forming agent
- Thickener and rheology modifier
- Stabilisation of emulsions, suspensions and foams

Gellan Gum

Product	Description	Grade
Kelcogel® CG-LA	Gellan gum (low acyl) Firm, non-elastic, brittle gels	Gellan Gum NF
Kelcogel® CG-HA	Gellan gum (high acyl) Soft, very elastic, non-brittle gels	Gellan Gum NF

- Gel forming agent
- Thickener and rheology modifier
- Fluid-gel forming agent
- Controlled drug release formulations

Yung Zip

Sodium Starch Glycolate

Product	Description	Grade
Sodium Starch Glycolate (DST) Type A	Sodium carboxymethyl starch type A	Sodium Starch Glycolate NF/EP/BP

- Superdisintegrant

Dow Corning™

Fluids

Product	Description	Grade
Q7-9120 Silicone Fluid 20 cSt 100 cSt 350 cSt 1.000 cSt 12.500 cSt	Dimethicone, polymethylsiloxane (PDMS)	Dimethicone NF, US-DMF Dimeticone/Silicone Oil EP Certificate of Suitability (CEP)
ST-Dimethiconol 40	Short, hydroxy-terminated dimethicone	For use in topical pharmaceutical applications

- Skin protectant
- Solubiliser for hydrophilic actives

Volatiles and Cyclics

Product	Description	Grade
Q7-9180 Silicone Fluid 0,65 cSt 1 cSt	Hexamethyldisiloxane (0,65 cSt) Octamethyltrisiloxane (1 cSt)	For use in topical pharmaceutical applications
ST-Cyclomethicone 5-NF ST-Cyclomethicone 56-NF	Cyclopentasiloxan (D5) Cyclopenta-/Cyclohexasiloxan (D5/D6)	Cyclomethicone NF For use in topical pharmaceutical applications

- Volatile carrier for sprays or semi-solid formulations
- No cooling effect, non-stinging

Waxes

Product	Description	Grade
Silky Wax 10	Stearyl alcohol and stearyoxy trimethylsilane Melting point 53 °C	For use in topical pharmaceutical applications

- Semi-occlusive wax
- Thickener for silicone-containing formulations
- Water repellent

Blends

Product	Description	Grade
Dimethiconol Blend 20	Ultra-high viscosity silicone gum (6%) in non-volatile dimethicone Non occlusive film former	For use in topical pharmaceutical applications
Silmogen Carrier	Ultra-high viscosity silicone gum (1%) in hexamethyldisiloxane Carrier for sprays	For use in topical pharmaceutical applications
ST-Elastomer 10	Dimethicone crosspolymer (12%) in cyclo-meticone (D5) Thickener for silicone containing formulations	For use in topical pharmaceutical applications

Emulsifiers

Product	Description	Grade
Emulsifier 10	Lauryl methicone copolyol	For use in topical pharmaceutical applications

- Emulsifier for W/O and W/Si emulsion (up to 80% water content)
- Room temperature emulsification

Grillo Zinkoxid

Zinkoxid Pharma

Product	Description	Grade
Zinc Oxide Pharma 4 Excipient	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP
Zinc Oxide Pharma 6 Excipient	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP
Zinc Oxide Pharma 8 Excipient	High purity pharmaceutical zinc oxide 99.995% ZnO	EP/USP/BP
Grillo UV ProTec®	High purity pharmaceutical zinc oxide 99.995% ZnO Nano-scale	EP/USP/BP

- Pharmaceutical excipient
- UV-protection, wound healing, antiseptic effect, antimicrobial effect
- GMP certification in process (expected in Q4.2018)

DuPont Tate & Lyle

Propanediol

Product	Description	Grade
Zemea® USP-NF Propanediol	1,3-Propanediol	USP/NF Naturally derived

- Alternative to petroleum-based glycols and glycerin – naturally derived
- Preservative-booster and moisturiser

Various Excipients

Stearates

Product	Description	Grade
Magnesium Stearate	Vegetable grade FCC	Magnesium Stearate EP/NF
Calcium Stearate	Vegetable grade FCC	Calcium Stearate NF
Sodium Stearate	Vegetable grade	Sodium Stearate EP/NF
Zinc Stearate	Vegetable grade	Zinc Stearate EP/NF
Aluminium Stearate	Vegetable grade	
Potassium Stearate	Vegetable grade	
Stearic Acid 50%/ 70%	Vegetable grade FCC	Stearic Acid EP, USP/NF, JP, BP

- Tableting agent
- Lubricant
- Flowability agent
- Separating agent
- Water repellent

Petroleum Jellies

Product	Description	Grade
Codex Vaseline	Petroleum jelly	EP, French Codex Monograph
White Oils	Paraffinum liquidum	EP, USP/NF, BP, French Codex Monograph

- Petroleum jelly can be used as excipient or as API
- Produced under GMP conditions
- Protective, healing, moisturising and soothing properties

Topical Ingredients

Dow Corning™

Low Volatile Fluids

Product	Description	Grade
TI-1010 Fluids	0,65 cSt 1 cSt Volatile dimethicone Linear polydimethylsiloxane	For use in topical medical device applications

- Solubiliser
- Carrier
- Spreading agent

Fluids

Product	Description	Grade
TI-1050 Fluids 1,5 cSt	Volatile dimethicone Linear polydimethylsiloxane	For use in topical medical device applications
TI-1050 Fluids 5 cSt 10 cSt	Low molecular weight dimethicone Linear polydimethylsiloxane Non-volatile	For use in topical medical device applications
TI-1050 Fluids 50 cSt 100 cSt 200 cSt 350 cSt 1.000 cSt	Intermediate molecular weight dimethicone Linear polydimethylsiloxane Non-volatile	For use in topical medical device applications
TI-1050 Fluids 12.500 cSt 30.000 cSt 100.000 cSt	High molecular weight dimethicone Linear polydimethylsiloxane Non-volatile	For use in topical medical device applications

- Non occlusive
- Lubricant
- Spreading agent

Specialty Fluids

Product	Description	Grade
TI-2011 SPE Specialty Fluid	Water dispersible silicone polyether Peg-12 dimethicone Calculated HLB 12	For use in topical medical device applications
TI-2021 AMS Specialty Fluid	Caprylyl-modified trisiloxane Moderate volatility	For use in topical medical device applications

- Solubiliser and compatibiliser
- Spreading agent
- Non occlusive

Blends

Product	Description	Grade
TI-3011 Gum Blend	Dimethicone and dimethiconol High molecular weight dimethiconol dispersed in a non-volatile carrier Film forming agent	For use in topical medical device applications
TI-3021 Silicone Elastomer Blend	Dimethicone and dimethicone crosspolymer Mixture of high molecular weight Cross linked silicone (14%) in dimethicone 5 cSt Rheology modifier	For use in topical medical device applications

- Emollient
- Non occlusive
- Improves substantivity

Waxes

Product	Description	Grade
TI-4021 Semi-Occlusive Wax	C30-45 Alkyldimethylsilyl polypropylsilsesquioxane Silicone wax with added resin character High melting point +/- 66 °C	For use in topical medical device applications

- Structuring agent, semi occlusive
- Helps rheology and texture modification
- Broad compatibility with organic and silicone material

Emulsifier

Product	Description	Grade
TI-6021 W/O Formulation Aid	PEG-10 dimethicone Silicone polyether copolymer Calculated HLB 4	For use in topical medical device applications

- Emulsifier for W/Si emulsion
- Produces low viscosity emulsion
- Cold or hot processing

Resins

Product	Description	Grade
TI-7012 Solid Resin	MQ resin polymer Trimethylsiloxysilicate Solventless	For use in topical medical device applications
TI-7021 Silicone Resin Blend	MQ siloxane resin diluted in a carrier fluid Dimethicone and Trimethylsiloxysilicate	For use in topical medical device applications

- Film former
- Permeable barrier film
- Long lasting film
- Excellent wash-off resistance
- Non occlusive

Extracts

Bio-gen Extracts

Natural Extracts, Ingredients and Colours

Product	Description	Grade
Lute-gen™	Lutein from tagetes erecta in free % Ester form Available as oil, powder, beadlet, CWD powder & DC-grade	DMF Clinical study: In vitro proliferative and telomere length analysis Solvent free
Zea-gen™	Zeaxanthin from tagetes erecta Available as oil & powder	Solvent free
Beta Caro-gen™	Natural Beta-Carotene from blakeslea trispora Available as oil, powder & beadlet	
TruBeet™	Standardised Beetroot Extract 6% Nitrates	Solvent free
FenuLean™	Fenugreek Protein & Fiber High protein, low fat Available as powder & flakes	Cross-over clinical study for satiety, hunger & fullness
Garlixir™	Standardised Garlic Extract (Lipid extracted)	In-vitro clinical study Solvent free
Ultra-gen Omega™	Proprietary ingredient providing Omega-3/-6/-9, vegan Available as oil & powder	Solvent free
Ultra Caro-gen™	Natural mixed carotenoids Available as oil & powder	
Lycopene	Lycopene from blakeslea trispora Available as oil & CWD-powder	EU Novel Food
Astaxanthin	Astaxanthin from haematococcus pluvialis Available as oil & powder	Technical Dossier
Ginger Extract	Standardised Ginger Root Extract Available as powder, beadlet & oleoresin	Solvent free Pesticide compliant
MCT Powder	Medium Chained Triglycerides (Coconut)	Solvent free
Bacopa	Bacopa monnieri extract 40% bacosides	USP

- Vegetarian, non-GMO
- Suitable for softgel & hardgel capsule, tablets & colouring

Preservatives

Ueno Fine Chemicals Industry

Parabens

Product	Description	Grade
Methylparaben	Mehtylparaben for preservation	Ph.Eur., USP, BP, NF REACH
Ethylparaben	Ethylparaben for preservation	Ph.Eur., USP, BP, NF REACH
Propylparaben	Propylparaben for preservation	Ph.Eur., USP, BP, NF REACH

Rasula Pharmaceuticals and Fine Chemicals

Paraben Salts

Product	Description	Grade
Sodium Methylparaben	Sodium Methylparaben for preservation	Ph. Eur. REACH
Sodium Ethylparaben	Sodium Ethylparaben for preservation	Ph.Eur.
Sodium Propylparaben	Sodium Propylparaben for preservation	Ph. Eur. REACH

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