



Pharmaceutical Excipients Index

Excipients are our business, health is our commitment.



SEPPIC at a glance



Human Health Division

SEPPIC is a recognized supplier on many product lines, bringing together scientific expertise in the field of chemistry, biology and formulation.

SEPPIC Human Health Division designs and develops innovative pharmaceutical excipients including coatings, functional excipients, high quality surfactants, polymers, vaccine adjuvants

Key Drivers

- **Service :**

We commit to flexibility and agility

- **Open innovation :**

SEPPIC has several on-going internal and external partnership for innovation

- **Skills :**

15% of SEPPIC manpower is dedicated to R&D

We offer laboratory and on-site trials for customers to solve formulation issues

- **Safety & Ethics**


We commit to highest GMP quality standards for excipients (EXCiPACT and GMP part II)

Regulatory compliance is a prerequisite

SEPPIC commits to an ethical behaviour in business

Solid dosage forms

Our ready-to-use film coating agents are a unique combination of different polymers, fillers, plastifiers and pigments.

Trade name	Composition	Functionality / application
 Gastrosoluble film coating agents		
SEPIFILM™ *	<i>Based on hypromellose</i>	Coloured aqueous and/or organic coating agent. Available in white, clear and more than 30 colors.
SEPIFILM™ SC	<i>Based on hypromellose and sucrose</i>	Sugar coating. Available in white.
SEPIFILM™ PW*	<i>Based on hypromellose - In powder form</i>	Coloured aqueous coating agent. Available in white, clear and more than 10 colors.
SEPIFILM™ LP (LOW PERMEABILITY)	<i>Based on hypromellose and stearic acid</i>	Protects against moisture. Available in white and clear. Various protection levels available.

 Binder / disintegrant		
SEPISTAB™ ST 200	<i>Partially pregelatinised starch</i>	Filler-binder-disintegrant

 Solubilizers		
SEPIRAP™ 80*	<i>Magnesium aluminometasilicate / Polysorbate 80</i>	Solubilizers in powder form directly compressible
SEPIRAP™ 4000*	<i>Magnesium aluminometasilicate Polyoxyl-40 hydrogenated castor oil</i>	

Trade name	Composition	Functionality / application
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Core sealing agents

SEPIFILM™ SN	<i>Film coating agent based on shellac gum in ethanol</i>	Core sealing
SEPIFILM™ LP* (LOW PERMEABILITY)	<i>Ready-to-use film coating agents based on hypromellose</i>	Core sealing, protection for friable tablets. Alternative to organic coatings.

Colouring agents

SEPIPERSE™ DRY*	<i>Colouring agent in granule form</i>	Film color. More than 30 colors available.
SEPIPERSE™ K*	<i>Colouring agent in liquid form ethanol-based</i>	Film color
SEPIPERSE™ AP*	<i>Colouring agent in liquid form water-based</i>	Film color
SEPIPERSE™ AS*	<i>Colouring agent for sugar coating in liquid form</i>	Sugar coating colouration

Finishing coating

SEPIFILM™ GLOSS	<i>Film coating agent</i>	Gloss effect for tablet
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*US DMF available





Semi solid & liquid forms

Oral and topical use

EMULSIFIERS & SOLUBILIZERS - PHA PREMIUM

Complying with the current edition of the European and US Pharmacopoeias.
Manufactured according to the Good Manufacturing Practices (IPEC-PQG GMP guidelines).
Manufactured with fatty acids from vegetable origin.

Trade name	Chemical name	Physical Form	EO	Functionality / application	HLB
 <i>Polysorbates</i>					
MONTANOX™ 20 PHA PREMIUM	<i>Polysorbate 20</i>	Liquid	20	Non ionic hydrophilic surfactant Emulsifier, used to obtain O/W emulsion solubilized of active	17
MONTANOX™ 60 PHA PREMIUM	<i>Polysorbate 60</i>	Liquid / Gel	20	Non ionic hydrophilic surfactant Emulsifier, used to obtain O/W emulsion solubilized of active	15
MONTANOX™ 80 PHA PREMIUM	<i>Polysorbate 80</i>	Liquid	20	Non ionic hydrophilic surfactant Emulsifier, used to obtain O/W emulsion solubilized of active	15

 <i>Sorbitan esters</i>					
MONTANE™ 20 PHA PREMIUM	<i>Sorbitan laurate</i>	Liquid		Non ionic lipophilic surfactant Emulsifier, used to obtain W/O emulsions	9
MONTANE™ 60 PHA PREMIUM	<i>Sorbitan stearate</i>	Pearls		Non ionic lipophilic surfactant Emulsifier, used to obtain W/O emulsions	5
MONTANE™ 80 PHA PREMIUM	<i>Sorbitan oleate</i>	Liquid		Non ionic lipophilic surfactant Emulsifier, used to obtain W/O emulsions	4





Complying with the current edition of the European Pharmacopeia

Trade name	Chemical name	EO	Functionality / application	HLB
Ethoxylated castor oil				
SIMULSOL™ 1292 PHA	<i>Macrogol glycerol hydroxystearate</i>	25	Co-emulsifying, solubilizing surfactant	11
Ethoxylated fatty acids				
SIMULSOL™ M45 PHA	<i>Macrogol stearate</i>	8	Emulsifying surfactant	11
SIMULSOL™ M52 PHA	<i>Macrogol stearate</i>	40	Emulsifying surfactant	17

Semi solid & liquid forms

Topical use only

Trade name	Chemical name	Functionality / application
 Emulsifiers		
SEPINEO™ SE 68*	<i>Cetearyl alcohol / Cetearyl glucoside</i>	<ul style="list-style-type: none"> • Self-Emulsifying surfactant of vegetable origin for oil in water emulsion. • Non ionic glucolipid very stable in wide range of pH (3-12) and with various API's (AHA, cationic...). • Excellent liquid crystal promoter: plays a role in maintaining skin moisturization over time and stability of O/W emulsions.
SIMALINE™ WO	<i>PEG 30 Dipolyhydroxystearate</i>	W/O emulsifier & co-emulsifier, used at low level, from 0,3 to 3% in pharmaceutical W/O emulsions.
 Foaming agent (preservative free)		
AMONYL™ 265 BA	<i>Coco-Betaine</i>	Amphoteric surfactant (dry extract 37%) compatible with cationics, non ionics and various actives.
AMONYL™ 380 BA	<i>Cocamidopropyl Betaine</i>	Amphoteric surfactant (dry extract 35%) compatible with cationic, non ionics, anionics and various actives. Cleansing effect and stability over a wide pH range.
AMONYL™ 675 SB	<i>Cocamidopropyl Hydroxysultaine</i>	Sulfobetaine (dry extract 50%) provides stable and abundant foam, even in hard water. Easy to thicken, processes a good substantivity to iteration for a conditioning effect and antistatic properties; compatible with sulfate free hygiene products.
ORAMIX™ NS 10	<i>Decyl glucoside</i>	Non ionic surfactant from vegetable origin (dry extract 55%). Combines efficiency (foam cleansing power). Good tolerance and good compatibility with various actives (including cationics). This glucolipid is stable over a wide pH range (acid & alkaline medium) and compatible with natural and sulfate free formulas.

*US DMF available



☰ Thickeners & stabilizers

SEPINEO™ P 600*

Acrylamide / Sodium acryloyldimethyl taurate copolymer Isohexadecane & Polysorbate 80

Ready-to-use liquid polymer, it thickens over a wide range of pH (3-12), it emulsifies and stabilises all types of oils and allow production of soft and unctuous textures in versatile dosage forms (innovative gel vehicule, creamgel or O/W emulsion).

SEPINEO™ D.E.R.M.

Hydroxyethyl Acrylate / Sodium Acryloyl Dimethyl Taurate Copolymer

New concentrated polymer in powder form, pre-neutralized and easy to use, in wide pH range (3-12). Excellent stabilizer, thickener and texturizing agent for medical devices applications (leave on and rince off).

Emulsifiers & solubilizers

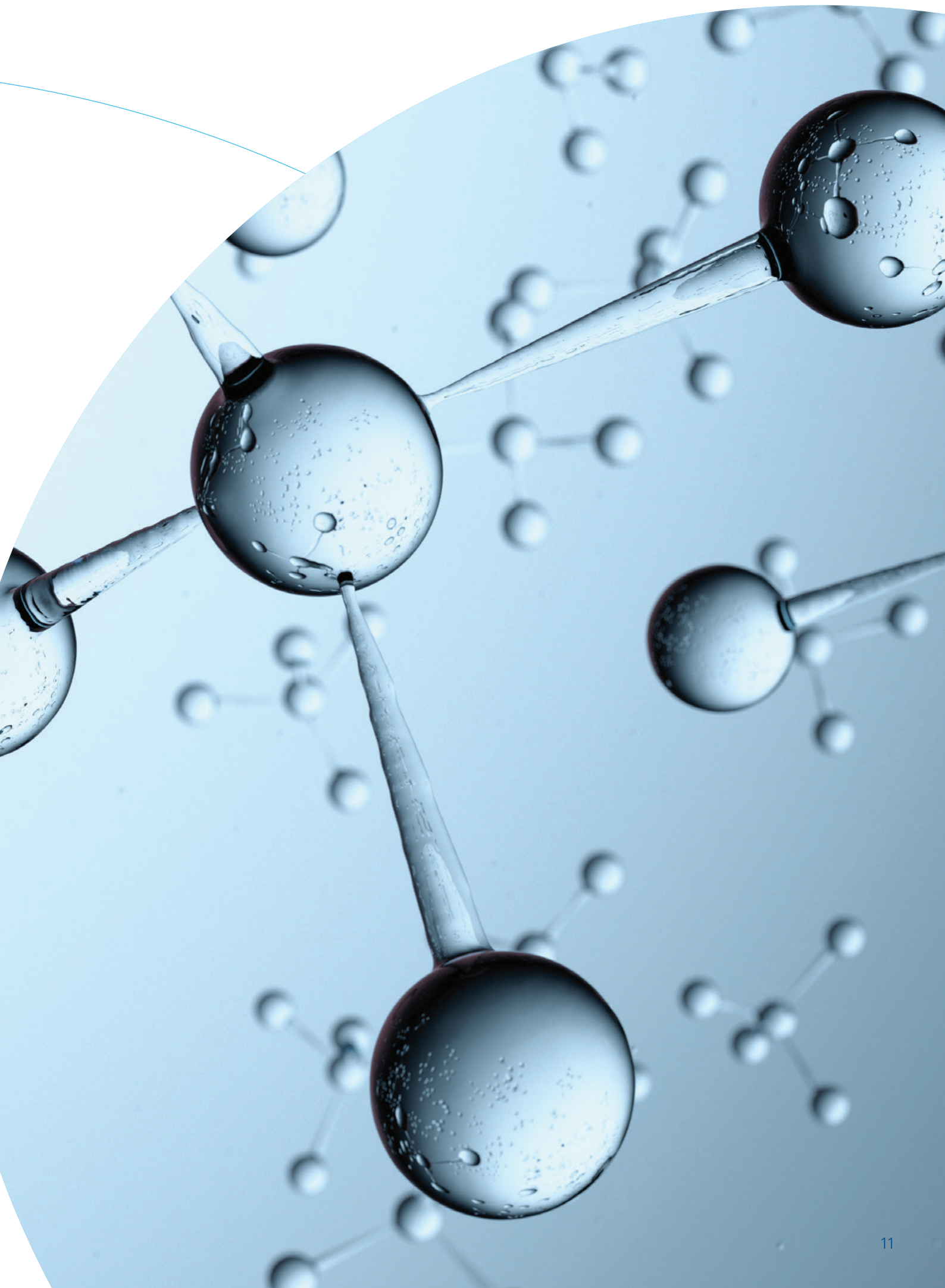
Complying with the current edition of the European Pharmacopoeia

Trade name	Chemical name	EO	Functionality / application	HLB
☰ Ethoxylated fatty alcohols				
SIMULSOL™ 58 PHA	<i>Macrogol cetostearyl ether</i>	20	Emulsifying surfactant	16
SIMULSOL™ 68 PHA	<i>Macrogol cetostearyl ether</i>	22	Emulsifying surfactant	16
SIMULSOL™ P23 PHA	<i>Macrogol lauryl ether</i>	23	Emulsifying, solubilizing surfactant	17

Liquid forms

Parental use

Trade name	Chemical name	Functionality / application
 Injectable		
MONTANOX™ 20 PPI	<i>Polysorbate 20</i>	<ul style="list-style-type: none"> • Emulsifying, solubilizing surfactant complying with the current pharmacopoeias (EP/USP/JPE) • Injectable quality for human applications
MONTANOX™ 80 PPI	<i>Polysorbate 80</i>	<ul style="list-style-type: none"> • Emulsifying, solubilizing surfactant complying with the current pharmacopoeias. (EP/USP/JP) • Injectable quality for human applications Oleic acid of vegetable origin
MONTANOX™ 80 API	<i>Polysorbate 80</i> <i>Very low water content</i>	<ul style="list-style-type: none"> • Emulsifying, solubilizing surfactant complying with the current pharmacopoeias (EP/USP/JP) • Injectable quality for human applications Oleic acid of vegetable origin
MONTANE™ 80 PPI	<i>Sorbitan oleate</i>	<ul style="list-style-type: none"> • Emulsifying surfactant complying with the current pharmacopoeias (EP/USP) • Injectable quality for human applications Oleic acid of vegetable origin
MONTANE™ 85 PPI	<i>Sorbitan trioleate</i>	<ul style="list-style-type: none"> • Emulsifying surfactant complying with the current pharmacopoeias (EP/USP). • Injectable quality for human applications Oleic acid of vegetable origin
MONTANE™ 20 PPI	<i>Sorbitan laurate</i>	<ul style="list-style-type: none"> • Emulsifying surfactant complying with the current pharmacopoeias (EP/USP) • Injectable quality for human applications
SEPICLEAR™ 01 PPI	<i>Lipoaminoacid Solubilizer</i>	Patent solubilizer for insoluble actives, peptides & proteins
MONTANIDE™ ISA 51 VG	<i>Vaccine adjuvant</i>	Adjuvant for Water in Oil emulsion, containing mineral oil. Currently being tested in clinical trials (I/II/III)
MONTANIDE™ ISA 720 VG	<i>Vaccine adjuvant</i>	Adjuvant for Water in Oil emulsion, containing metabolizable non-mineral oil. Currently being tested in clinical trials (I/II/III).



Nota :

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Air Liquide Healthcare is a world leader in medical gases, home healthcare, hygiene products and healthcare specialty ingredients. It aims to provide customers in the continuum of care from hospital to home with medical products, specialty ingredients and services that contribute to protecting vulnerable lives.

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