THE WHOLE HOME

solubilizers – emulsifiers from innospec

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EMPILAN® Ethoxylated Alcohols

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features		Product Name
							Foam (soft water): Foam booster, Flash foam, Stable foam, Low foam / pH: Acid stable, Alkaline stable / Performance characteristics: Viscosity booster, Detergency, Wetting, Emulsification, Degreasing, Electrolyte tolerant, Hard water tolerant, Bleach compatibility, Cold temperature compatibility / Main application areas: Manual dishwash, Automatic dishwash, Surface care, Toilet care, Laundry, Car care / Additional characteristics: MB/RSPO certified, Ecolabel, Label free on product as is, Corrosive-symbol free		
EMPILAN® KA 5	Deceth-5	Non-vegetable*	100	Liquid	C10-12	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with excellent wetting and foaming power. Ideal for surface cleaning.		EMPILAN® KA 5
EMPILAN® KA 5/90	Deceth-5	Non-vegetable*	90	Liquid	C10-12	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with excellent wetting and foaming power. Ideal for surface cleaning. Improved cold storage properties.		EMPILAN® KA 5/90
EMPILAN® KCL 7	C12-15 Pareth-7	Non-vegetable	100	Liquid	C12-15	Non-ionic surfactant. Stable over a wide range of pH. The specific alkyl chain and the mid-range ethoxylation degree give very good wetting and detergency. Work-horses of surface cleaners, laundry, dish wash, etc.		EMPILAN® KCL 7
EMPILAN® KCL 7/90	C12-15 Pareth-7	Non-vegetable	90	Liquid	C12-15	Non-ionic surfactant. Stable over a wide range of pH. The specific alkyl chain and the mid-range ethoxylation degree give very good wetting and detergency. Work-horses of surface cleaners, laundry, dish wash, etc. Improved cold storage properties.		EMPILAN® KCL 7/90
EMPILAN® KCL 9/85	C12-15 Pareth-9	Non-vegetable	85	Liquid	C12-15	Non-ionic surfactant. Stable over a wide range of pH. The specific alkyl chain and the mid-range ethoxylation degree give good wetting and detergency. Work-horses of surface cleaners, laundry, dish wash, etc. Improved cold storage properties.		EMPILAN® KCL 9/85
EMPILAN® KCL 11	C12-15 Pareth-11	Non-vegetable	100	Solid	C12-15	Non-ionic surfactant. Stable over a wide range of pH. The specific alkyl chain and the mid-range ethoxylation degree give good wetting and detergency. Work-horses of surface cleaners, laundry, dish wash, etc. Useful to solubilize a wide range of perfumes.		EMPILAN® KCL 11
EMPILAN® KCL 11/90	C12-15 Pareth-11	Non-vegetable	90	Liquid	C12-15	Non-ionic surfactant. Stable over a wide range of pH. The specific alkyl chain and the mid-range ethoxylation degree give good wetting and detergency. Work-horses of surface cleaners, laundry, dish wash, etc. Useful to solubilize a wide range of perfumes. Improved cold storage properties.		EMPILAN® KCL 11/90
EMPILAN® KI 6	Trideceth-6	Non-vegetable	100	Liquid	C11-14	Non-ionic surfactant. Stable over a wide range of pH. Highly branched iso-alcohol ethoxylate with excellent emulsification/wetting properties. Low foam profile.		EMPILAN® KI 6
EMPILAN® KI 6.5	Trideceth-7	Non-vegetable	100	Liquid	C11-14	Non-ionic surfactant. Stable over a wide range of pH. Highly branched iso-alcohol ethoxylate with excellent emulsification/wetting properties. Medium foam profile.		EMPILAN® KI 6.5
EMPILAN® KI 8	Trideceth-8	Non-vegetable	100	Liquid	C11-14	Non-ionic surfactant. Stable over a wide range of pH. Highly branched iso-alcohol ethoxylate with excellent emulsification/wetting properties. Medium to high foam profile.		EMPILAN® KI 8
EMPILAN® KR 2.5	C9-11 Pareth-3	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Poor aqueous solubility. Used as anti-foam and viscosity builder.		EMPILAN® KR 2.5
EMPILAN® KR 5	C9-11 Pareth-5	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with very good wetting and excellent foaming power. Ideal for surface cleaning.		EMPILAN® KR 5

Non-vegetable* = naturally derived grade may also be available upon request

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EMPILAN® Ethoxylated Alcohols (cont)

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features
EMPILAN® KR 6	C9-11 Pareth-6	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with very good wetting and excellent foaming power. Ideal for surface cleaning.
EMPILAN® KR 6/90	C9-11 Pareth-6	Non-vegetable	90	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with very good wetting and excellent foaming power. Ideal for surface cleaning. Improved cold storage properties.
EMPILAN® KR 8	C9-11 Pareth-8	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with good wetting and foaming power. Ideal for surface cleaning.
EMPILAN® KT 7/80	Deceth-7	Non-vegetable*	80	Liquid	C10	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with good wetting and excellent foaming power. Ideal for surface cleaning. Improved cold storage properties.
EMPILAN® ME10-CN	Coconut Methyl Ester Ethoxylate (10 EO)	39	100	Liquid	C8-18	Non-ionic surfactant. Excellent emulsifier and detergent. Low toxicity (not classified also according the CLP). Lower foaming profile compared to conventional fatty alcohol ethoxylates. It doesn't meet gel phases when diluted in water. Ideal for super-concentrated formulations.

EMPILAN® Fatty Acid Alkanolamides

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features
EMPILAN® 2502/MB	Cocamide DEA	77	85	Liquid	C8-18	Mass Balance/RSPO certified. Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.
EMPILAN® CIS	Cocamide MIPA	81	95	Flakes	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds.
EMPILAN® 2502	Cocamide DEA	77	85	Liquid	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.
EMPILAN® CME/T	Cocamide MEA	87	85	Flakes	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.

Non-vegetable* = naturally derived grade may also be available upon request
** - Limited

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