

HUNTSMAN

Enriching lives through innovation

Performance Products

Beauty and Personal Care Ingredients

Product List



WE CARE.

Mastering Molecular Science
for Beauty and Personal Care Solutions

The Performance Products division of Huntsman manufactures a wide range of chemistries which are utilised in diverse applications. Our expertise and awareness of the individual demands of diverse markets helps to make us one of the foremost suppliers of ingredients for cosmetics, including anionic, non-ionic, amphoteric and cationic surfactants and formulation aids.

The unique properties of surfactants and related products, such as hydrotropes and dispersants, can be used to give numerous benefits within cosmetics, apart from the most obvious functions of cleaning and wetting. Functions might include:

- Modification of viscosity or rheology to enhance the flow characteristics of liquids.
- Optimisation of the volume, characteristics and stability of foam.
- Enhancing mildness to the skin and eyes.
- Suspension or emulsification of insoluble oils and vitamins.
- Emolliency and humectancy.

Many surfactants are multi-functional and the selection of a surfactant can therefore have a valuable impact on a formulation. The following list represents the most common products available from Huntsman typically employed within the cosmetics market, according to what we perceive as the primary function of a given product.

For further information about a particular product please request the individual Safety and Technical data sheets.

Notes

Preservative

This list is intended to show only the most typical grades. In some cases, alternative grades may also exist. Huntsman are also prepared to consider the manufacture of special grades or to incorporate a preservative of the customer's choice.

Many products, especially those at high concentration, are relatively resistant to microbial attack and do not need to be preserved under normal storage conditions, signified by (-).

Appearance and concentration

The list is intended as a quick guide to aid selection, using typical or approximate values. Please refer to the individual product data sheet for more specific details

Primary surfactants

Alkyl ether sulfates
Alkyl sulfates
Olefin sulfonates

Mild surfactants

Alkyl and alkylamidopropyl betaines
Alkyl amphotacetates and amphodiacetates
Alkyl ether carboxylic acids and salts
Alkyl ether sulfosuccinates

Emulsifiers

Ethoxylated alcohols
Fatty acid alkanolamides

Humectants and emollients

Polyethylene glycols

Conditioning agents

Alkyl ether phosphates
Amine oxides

Waxes

Alcohols and esters
Self-emulsifying waxes

Rheology modifiers

Solvents
Hydrotropes

Performance concentrates

Pearl concentrates
Performance concentrates

Miscellaneous

Ethanolamines
Anti-microbial agents

Primary surfactants

Alkyl ether sulfates

Product	INCI name	Preservative	Appearance	%
EMPICOL® BSD / FL2	Sodium Laureth Sulfate (and) Magnesium Laureth Sulfate	Formaldehyde	Liquid	26
EMPICOL® BSD 52 / FL2	Sodium Laureth Sulfate (and) Magnesium Laureth Sulfate	-	Paste	52
EMPICOL® EAC 70	Ammonium Laureth Sulfate	-	Paste	70
EMPICOL® EGC 70	Magnesium Laureth Sulfate	-	Paste	70
EMPICOL® ESA 70 / J	Sodium Laureth Sulfate	-	Paste	70
EMPICOL® ESB 3 / M	Sodium Laureth Sulfate	Formaldehyde	Liquid	27
EMPICOL® ESB 3 / M6	Sodium Laureth Sulfate	Unpreserved	Liquid	27
EMPICOL® ESB 3 / MX	Sodium Laureth Sulfate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Liquid	27
EMPICOL® ESB 70	Sodium Laureth Sulfate	-	Paste	70
EMPICOL® ESC 3	Sodium Laureth Sulfate	Formaldehyde	Liquid	28
EMPICOL® ESC 3 / L	Sodium Laureth Sulfate	Unpreserved	Liquid	28
EMPICOL® ESC 70	Sodium Laureth Sulfate	-	Paste	70

Alkyl sulfates

Product	INCI name	Preservative	Appearance	%
EMPICOL® 0045 / B	Sodium Lauryl Sulfate	-	Powder	92
EMPICOL® AL 25 / EX	Ammonium Lauryl Sulfate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Liquid	25
EMPICOL® AL 30 / T	Ammonium Lauryl Sulfate	Formaldehyde	Liquid	27
EMPICOL® AL 70	Ammonium Lauryl Sulfate	-	Paste	68
EMPICOL® LQ 33 / TX	MEA Lauryl Sulfate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Liquid	33
EMPICOL® LX / B	Sodium Lauryl Sulfate	-	Powder	92
EMPICOL® LX / N	Sodium Lauryl Sulfate (Pharmacopoeia Grade)	-	Powder	92
EMPICOL® LX 28 / U	Sodium Lauryl Sulfate	Unpreserved	Liquid	28
EMPICOL® LX 28 / Z	Sodium Lauryl Sulfate	Benzisothiazolinone (and) dipropylene glycol	Liquid	28
EMPICOL® LXV / B	Sodium Lauryl Sulfate	-	Needles	92
EMPICOL® LXV / N	Sodium Lauryl Sulfate (Pharmacopoeia Grade)	-	Needles	92

Alkyl sulfates (Continued)

Product	INCI name	Preservative	Appearance	%
EMPICOL® LZ / B	Sodium Lauryl Sulfate	-	Powder	92
EMPICOL® LZ / N	Sodium Lauryl Sulfate (Pharmacopoeia Grade)	-	Powder	92
EMPICOL® LZV / B	Sodium Lauryl Sulfate	-	Needles	92
EMPICOL® LZV / N	Sodium Lauryl Sulfate (Pharmacopoeia Grade)	-	Needles	92
EMPICOL® TL 40 / T	TEA Lauryl Sulfate	Formaldehyde	Liquid	40
EMPICOL® TL 40 / TX	TEA Lauryl Sulfate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Liquid	40

Olefin sulfonates

Product	INCI name	Preservative	Appearance	%
NANSA® LSS 38 / AS	Sodium C14-16 Olefin Sulfonate	2-Bromo-2-Nitropropane-1,3-Diol	Liquid	38
NANSA® LSS 480 / H	Sodium C14-16 Olefin Sulfonate	-	Powder	80
NANSA® LSS 495 / H	Sodium C14-16 Olefin Sulfonate	-	Powder	95

Mild surfactants

Alkyl and alkylamidopropyl betaines

Product	INCI name	Preservative	Appearance	%
EMPIGEN® BB	Lauryl Betaine	Unpreserved	Liquid	30
EMPIGEN® BB / HP	Lauryl Betaine	Unpreserved	Liquid	30
EMPIGEN® BS / FA	Cocamidopropyl Betaine	Sodium Benzoate	Liquid	30
EMPIGEN® Total Active TC / U	Cocamidopropyl Betaine	Sodium Benzoate	Liquid	35

Alkyl amphoacetates and amphodiacetates

Product	INCI name	Preservative	Appearance	%
EMPIGEN® 5151	Disodium Cocoamphodiacetate	-	Liquid	50
EMPIGEN® CDL 30 / J / 35	Sodium Lauroamphoacetate	-	Liquid	35
EMPIGEN® CDL 60 / P	Sodium Lauroamphoacetate	-	Liquid	35

Alkyl amphotoacetates and amphodiacetates (Continued)

Product	INCI name	Preservative	Appearance	%
EMPIGEN® CDR 2M	Sodium Cocoamphoacetate (and) Disodium Cocoamphodiacetate	-	Liquid	50
EMPIGEN® CDR 60	Sodium Cocoamphoacetate	-	Liquid	40

Alkyl ether carboxylic acids and salts

Product	INCI name	Preservative	Appearance	%
EMPICOL® CBCS	Sodium Laureth-4 Carboxylate	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben	Liquid	22
EMPICOL® CBJ	Laureth-11 Carboxylic Acid	-	Liquid	86
EMPICOL® CED 5	Laureth-5 Carboxylic Acid	-	Liquid	92
EMPICOL® CED 5S	Sodium Laureth-5 Carboxylate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Liquid	22

Alkyl ether sulfosuccinates

Product	INCI name	Preservative	Appearance	%
EMPICOL® SDD / O	Disodium Laureth-3 Sulfosuccinate	Sodium Benzoate	Liquid	33
EMPICOL® SLL / HC	Disodium Lauryl Sulfosuccinate	-	Powder	80
EMPIMIN® OT	Diethylhexyl Sodium Sulfosuccinate (and) Ethanol	-	Liquid	60

Emulsifiers

Ethoxylated alcohols

Product	INCI name	Preservative	Appearance	%
EMPILAN® KA 5	Deceth-5	-	Liquid	100
EMPILAN® KBE 2	Laureth-2	-	Liquid	100
EMPILAN® KBE 3	Laureth-3	-	Liquid	100
EMPILAN® KBE 7	Laureth-7	-	Liquid	100
EMPILAN® KBE 21	Laureth-21	-	Solid	100
EMPILAN® KM 20 / FK	Ceteareth-20	-	Flake	100
EMPILAN® KM 25 / FK	Ceteareth-25	-	Flake	100
EMPILAN® KM 25 / PW	Ceteareth-25	-	Powder	100
EMPILAN® KM 50 / FK	Ceteareth-50	-	Flake	100
EMPILAN® KM 50 / PW	Ceteareth-50	-	Powder	100
EMPILAN® KM 80 / PW	Ceteareth-80	-	Powder	100

SURFONIC® L 24-1	Laureth-1	-	Liquid	100
SURFONIC® L 24-2	Laureth-2	-	Liquid	100
SURFONIC® L 24-3	Laureth-3	-	Liquid	100
SURFONIC® L 24-7	Laureth-7	-	Liquid	100
SURFONIC® L 24-9	Laureth-9	-	Solid/Paste	100

Fatty acid alkanolamides

Product	INCI name	Preservative	Appearance	%
EMPILAN® 2502	Cocamide DEA	-	Liquid	85
EMPILAN® CIS	Cocamide MIPA	-	Flakes	95
EMPILAN® CME/T	Cocamide MEA	-	Flakes	85
EMPILAN® MAA/SI	PEG-5 Cocamide MEA	-	Paste	85

Humectants and emollients

Polyethylene glycols

Product	INCI name	Preservative	Appearance	%
POGOL® 200	PEG-200	-	Liquid	99
POGOL® 300	PEG-300	-	Liquid	99
POGOL® 400	PEG-400	-	Liquid	99
POGOL® 600	PEG-600	-	Liquid	99

Conditioning agents

Product	INCI name	Preservative	Appearance	%
EMPIPHOS® O3D	Oleth-3 phosphate	-	Liquid	99

Amine oxides

Product	INCI name	Preservative	Appearance	%
EMPIGEN® OB	Lauramine Oxide	-	Liquid	30
EMPIGEN® OH 25	Myristamine Oxide	-	Liquid	25
EMPIGEN® OS / A	Cocamidopropylamine Oxide	-	Liquid	30

Waxes

Alcohols and esters

Product	INCI name	Preservative	Appearance	%
EMPILAN® EGDS / A	Glycol Distearate	-	Flakes	100
EMPILAN® EGMS	Glycol Cetearate	-	Flakes	100
LAUREX® CS	Cetearyl alcohol	-	Flakes	100

Self-emulsifying waxes

Product	INCI name	Preservative	Appearance	%
EMPIWAX® CL	Cetearyl Alcohol (and) Cetareth-25	-	Flakes	100
EMPIWAX® SK/BP	Cetearyl Alcohol (and) Sodium Lauryl Sulfate	-	Flakes	100

Rheology modifiers

Solvents

Product	INCI name	Preservative	Appearance	%
JEFFSOL® Glycerine carbonate	Hydroxymethyl dioxolanone	-	Liquid	100
JEFFSOL® Propylene carbonate	Propylene carbonate	-	Liquid	100
Propylene glycol - USP	Propylene glycol	-	Liquid	100
Dipropylene glycol	Dipropylene glycol	-	Liquid	100

Hydrotropes

Product	INCI name	Preservative	Appearance	%
ELTESOL® AX 40	Ammonium Xylenesulfonate	-	Liquid	40
ELTESOL® SC 40	Sodium Cumenesulfonate	-	Liquid	40

Performance concentrates

Product	INCI name	Preservative	Appearance	%
EMPICOL® XCT 10	Sodium Laureth Sulfate (and) Sodium C14-16 Olefin Sulfonate (and) Lauryl Betaine	Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	55

Pearl concentrates

Product	INCI name	Preservative	Appearance	%
EMPIPEARL® XA 100/X	Glycol Distearate (and) Sodium Laureth Sulfate	Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	50
EMPIPEARL® XA 200/H	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine	Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	40
EMPIPEARL® XA 200/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine	Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	40
EMPIPEARL® XA 300/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine	Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	38
EMPIPEARL® XA 400/X	Glycol Distearate (and) Sodium Laureth Sulfate (and) Cocamide MEA (and) Laureth-10	Methylchloroisothiazolinone (and) Methylisothiazolinone	Paste	38

Miscellaneous

Ethanolamines

Product	INCI name	Preservative	Appearance	%
MEA	Ethanolamine	-	Liquid	99
DEA	Diethanolamine	-	Liquid	99
TEA 99	Triethanolamine	-	Liquid	99

Anti-bacterial agents

Product	INCI name	Preservative	Appearance	%
EMPIGEN® BAC 50	Benzalkonium Chloride	-	Liquid	50

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