



www.mosselman.eu



MOSSELMAN
OLEO CHEMICALS

Trading & Production of Oleochemicals and related products



Tradition in customer relation.
Innovation in chemistry and
customer service.
An extra touch with the use of
natural and renewable raw materials.
Looking forward to meet performance
and cost effectiveness with relation
to changing technologies, stronger
regulations and new market demands.

The Mosselman team.

Product ranges

Oils & fats

Vegetable
animal
mineral & silicone

p. 3

Fatty acids

Fatty alcohols

p. 4

Fatty esters of monoalcohols p. 5

Fatty esters of polyols p. 6

Surfactants:

Non-ionic

p. 7-8

Amphoteric, cationic

p. 9

Anionic

p. 9

Alkanolamides

p. 10

Phosphate esters

p. 10

Blends

p. 10

Chelating agents

p. 8

Metallic stearates

p. 11

Waxes

p. 11

Miscellaneous:

p. 11

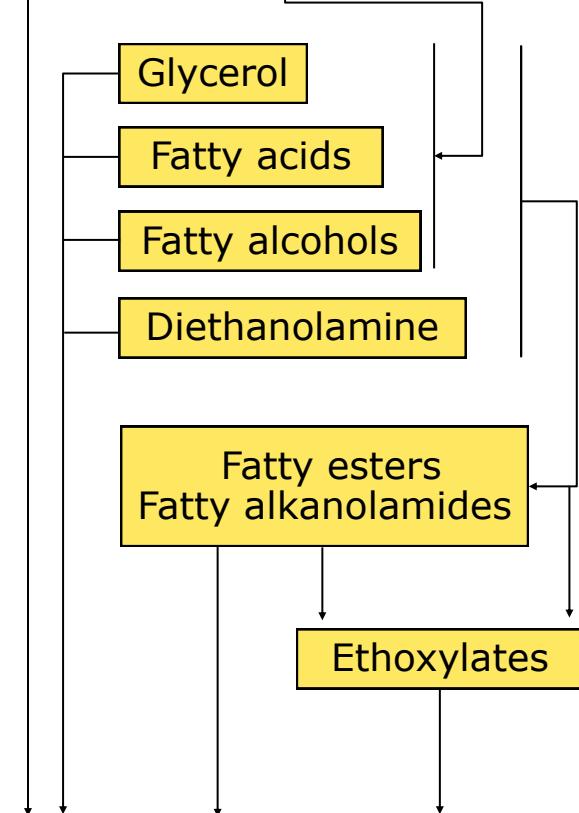
Toll manufacturing

p. 12

Certifications

p. 12

Vegetable oil—animal fats



Cosmetics
Detergency
Pharmacy
Food, feed
Textile, paper
Lubricants, solvents
Inks, coatings
etc...

Argan
 Avocado
 Borage
 Castor
 blown
 cristal
 Dehydrated
 first pression
 hydrogenated
 Cocoa butter
 Cashewnut shell liquid
 Coconut
 refined
 fractionated
 Hydrogenated
 Corn
 refined
 Cotton seed
 Evening primerose
 Grapeseed
 Hazelnut
 refined, virgin
 Hempseed
 Jatropha
 Jojoba golden
 Linseed
 bleached
 blown
 boiled
 crude
 standoils
 Macadamia
 Olive
 refined
 extra virgin
 Palm
 refined
 crude
 hydrogenated
 Palm kernel
 Peanut
 Rapeseed
 blown
 crude
 refined
 Raspberry seed
 Safflower
 regular
 Sesame
 Shea butter
 Soybean
 refined
 refined IP
 hydrogenated
 Sunflower
 regular
 oleic
 Sweet almond
 Tung
 Walnut
 Wheat germ
 refined
 crude

* organic grades on request

Vegetable oils

Fish
 Cod liver
 Lanoline
 Lard winterised
 Mink
 Neatsfoot
 Tallow
 winterised
 refined
 Wool grease

Animal oils and fats

Petroleum jelly white - Vaseline
 Petroleum jelly yellow - Vaseline
 Silicon oil 100, 350, 1000
 White paraffin oil
 Heavy
 medium
 light

Mineral and silicon oils



Description	Chain length	Purity %	
Caproic acid	C6	98	
Caprylic acid	C8	99	
2-Ethylhexanoic acid	iso-C8	99	
Pelargonic acid	C9	98	
Capric acid	C10	99	
Caprylic capric acid	C8-C10	60/40	
Lauric acid 99%	C12	99	
Myristic acid 98%	C14	98	
Palmitic acid 98%	C16	98	
Stearic acid	C18	40, 55, 65, 98	
12-Hydroxy stearic acid	C18-OH	85	
Ricinoleic acid	C18:1-OH	85	
Oleic acids (vegetable, animal)	C18:1	70, 80, 98	
Behenic acid 85%	C22	85	
Erucic acid 90%	C22:1	90	
Coconut fatty acids	C8-C18		
Coconut fatty acids - topped	C12-C18		
Conjugated fatty acids	C18 unsat.		
Linseed fatty acid	C18 unsat.		
Olive oil fatty acid	C18 unsat.		
Rapeseed fatty acids	C18 unsat.		
Soybean fatty acids	C18 unsat.		
Tall-oil fatty acids (TOFA)	C18 unsat.		
Wool Grease fatty acids	C18 unsat.		
2-ethylhexanol / iso-octyl alcohol	iso C8	99,5	
Lauro-myristyl alcohol	C12-C14	70/30	
Lauro-myristyl alcohol	C12-C14	50/50	
Myristyl alcohol	C14	96	
Cetyl alcohol	C16	95	
Cetostearyl alcohol 50/50	C16-C18	50/50	
Cetostearyl alcohol 30/70	C16-C18	30/70	
Stearyl alcohol	C18	98	
Oleyl alcohol	C18:1	80	
Oleocetyl alcohols	C18:1-C16		
Octyldodecanol	Iso-C20	90	

Fatty acids

Fatty alcohols





Monoo/cohol fatty esters

Butyl stearate	liquid/paste
Butyl oleate	liquid
Butyl tallate	liquid
Cetyl palmitate	solid
Decyl oleate	liquid
Ethyl esters of rapeseed	liquid
Ethyl oleate	liquid
Ethyl linoleate	liquid
2-Ethylhexyl caprylate caprate	liquid
2-Ethylhexyl laurate	liquid
2-Ethylhexyl cocoate	liquid
2-Ethylhexyl palmitate	liquid
2-ethylhexyl tallowate	liquid
2-Ethylhexyl stearate	liquid
2-Ethylhexyl oleate	liquid
Isononyl isononanoate	liquid
Isopropyl laurate	liquid
Isopropyl myristate	liquid
Isopropyl palmitate	liquid
Isopropyl oleate	liquid
Isostearyl isostearate	liquid
Isotridecyl stearate	liquid
Methyl esters of coconut oil	liquid
Methyl esters C16-C18	liquid
Methyl esters of castor oil	liquid
Methyl esters of high oleic sunflower oil	liquid
Methyl esters of linseed oil	liquid
Methyl esters of palm oil	liquid/paste
Methyl esters of rapeseed oil	liquid
Methyl esters of soybean oil	liquid
Methyl esters of sunflower oil	liquid
Methyl esters of tall oil	liquid
Methyl esters of tallow	liquid
Methyl esters of tung oil	liquid
Methyl caprylate-caprate C8-C10	liquid
Methyl laurate	liquid
Methyl stearate	paste
Methyl oleate	liquid
Methyl linoleate	liquid
Methyl ricinoleate	liquid
Stearyl stearate	solid

Polyol fatty esters

Description	HLB	Physical state	
Ethylene glycol distearate	-	solid	
Ethylene glycol monostearate	1,6	solid	
Glycerol monococoate7 EO - Ester ETO 7	12,9	liquid	
Glycerol monolaurate 90%	5,7	solid	
Glycerol monooleate 40%, 90%	2,3 - 3,8	liquid	
Glycerol monostearate 40%, 60%, 90%	2,4 - 4,0	solid	
Glycerol monostearate SE (self-emulsifying)		solid	
Glycerol tri-caprylate/caprate - MCT - Ester 610	-	liquid	
Glycerol trioleate	-	liquid	
Glycerol tristearate	-	solid	
PEG 200 monooleate	8,0	liquid	
PEG 300 monooleate	10,4	liquid	
PEG 300 dioleate	7,0	liquid	
PEG 400 dioleate	8,5	liquid	
PEG 400 diricinoleate		liquid	
PEG 400 distearate	8,6	solid/paste	
PEG 400 monolaurate	13,4	liquid	
PEG 400 monooleate	11,5	liquid	
PEG 400 monoricinoleate		liquid	
PEG 400 monostearate	11	solid/paste	
PEG 600 dioleate	10,5	liquid/paste	
PEG 600 mono-oleate	13,6	paste/liquid	
PEG 1500 monostearate	17,6	solid	
Pentaerythritol mono-, di-, tri-, tetra-oleate	2-2,5	liquid	
Pentaerythritol tetra-caprylate/caprate	-	liquid	
Pentaerythritol mono-, di-, tri, tetrastearate	0-2	solid	
Polyglycerol-3 caprylate	12	liquid	
Polyglycerol-4 caprate	16,0	liquid	
Polyglycerol-3 stearate	6,1	solid	
Polyglycerol polyricinoleate - PGPR		liquid	
PPG 2000 dioleate	-	liquid	
Propylene glycol di-caprylate/caprate (Ester PR 91)	-	liquid	
Propylene glycol dioleate	-	liquid	
Propylene glycol monooleate	4,0	liquid	
Propylene glycol stearate	3,1	solid	
Sorbitan monolaurate	7,5	liquid/paste	
Sorbitan monooleate	5,3	liquid	
Sorbitan monopalmitate	6,0	solid	
Sorbitan monostearate	5,3	solid	
Sorbitan sesquioleate	5,2	liquid	
Sorbitan trioleate	2,8	liquid	
Sorbitan tristearate	3,2	solid	
Sorbitan monolaurate 20 EO	Polysorbate 20	16,2	liquid
Sorbitan monostearate 20 EO	Polysorbate 60	15,0	paste
Sorbitan tristearate 20 EO	Polysorbate 65	11	paste
Sorbitan monooleate 20 EO	Polysorbate 80	15,2	liquid
Sorbitan trioleate 20 EO	Polysorbate 85	10,6	liquid
Trimethylolpropane tri-caprylate/caprate	-	liquid	
Trimethylolpropane tricocoate	-	liquid	
Trimethylolpropane trioleate	-	liquid	
Trimethylolpropane complex ester ISOVG 10-1000	-	liquid	

Non-ionic surfactants - ethoxylates

Commercial name	Description *	HLB
Heliwet FA 10/5	Fatty alcohol C10 oxo 5 EO	11,5
Heliwet FA 10/7	Fatty alcohol C10 oxo 7 EO	13
Heliwet FA 10/8	Fatty alcohol C10 oxo 8 EO	14
Heliwet FA 91/4	Fatty alcohol C10 guerbet 6 EO	12,5
Heliwet FA 91/6	Fatty alcohol C10 guerbet 8 EO	14
Heliwet FA 91/6 L	Fatty alcohol C10 guerbet 8 EO 85% solution	14
Heliwet FA 91/8	Fatty alcohol C10 guerbet 10 EO	15
Heliwet FA 91/8 L	Fatty alcohol C10 guerbet 10 EO 85% solution	15
Heliwet FA 13/3	Fatty alcohol iso-C13 + 3 EO	8
Heliwet FA 13/5	Fatty alcohol iso-C13 + 5 EO	10,5
Heliwet FA 13/7	Fatty alcohol iso-C13 + 7 EO	12
Heliwet FA 13/8	Fatty alcohol iso-C13 + 8 EO	13
Heliwet FA 13/82	Fatty alcohol iso-C13 + 8 EO 20% solution	13
Heliwet FA 13/89	Fatty alcohol iso-C13 + 8 EO 90% solution	13
Heliwet FA 13/10	Fatty alcohol iso-C13 + 10 EO	13,5
Heliwet FA 13/12	Fatty alcohol iso-C13 + 12 EO	14,5
Heliwet FA 24/2	Fatty alcohol C12-C14 + 2 EO	6,1
Heliwet FA 24/4	Fatty alcohol C12-C14 + 4 EO	9
Heliwet FA 24/7	Fatty alcohol C12-C14 + 7 EO	12
Heliwet FA 24/79	Fatty alcohol C12-C14 + 7 EO 90% solution	12
Heliwet FA 35/3	Fatty alcohol C13-C15 + 3 EO	8
Heliwet FA 35/7	Fatty alcohol C13-C15 + 7 EO	12
Heliwet FA 35/11	Fatty alcohol C13-C15 + 11 EO	14
Heliwet FA 35/30	Fatty alcohol C13-C15 + 30 EO	17
Heliwet FA 68/5	Fatty alcohol C16-C18 + 5 EO	9
Heliwet FA 68/11	Fatty alcohol C16-C18 + 11 EO	13,5
Heliwet FA 68/20	Fatty alcohol C16-C18 + 20 EO	15
Heliwet FA 68/25	Fatty alcohol C16-C18 + 25 EO powder or flakes	16
Heliwet FA 18/2	Fatty alcohol C18 + 2 EO	4,9
Heliwet OC 2	Oleocetyl alcohol 2 EO	4
Heliwet OC 10	Oleocetyl alcohol 10 EO	12
EL 2,5	Castor oil 2,5 EO	2
EL 11	Castor oil 11 EO	7
EL 18	Castor oil 18 EO	9
EL 25	Castor oil 25 EO	11
EL 33	Castor oil 33 EO	12
EL 40	Castor oil 40 EO	12,5
EL 40 80%	Castor oil 40 EO 80% solution	12,5
EL 200	Castor oil 200 EO	18
Heliwet HCO 40	Hydrogenated castor oil 40 EO	15
	Lanolin 30 EO	11
	Lanolin 75 EO	17
	Stearic acid 40 EO	17,3
	Stearic acid 100 EO	18,5
	Coconut amine 15 EO	14,5
	Tallow amine 2 EO	5
	Tallow amine 8 EO	11,5
	Tallow amine 15 EO	14,5
	Oleylamine 2 EO	5
	Oleylamine 6 EO	10

* other ethoxylation grades and concentrations available on request
Heliwet FA 91 range is offered as substitute to ethoxylated C9-C11 alcohols

Non-ionic surfactants

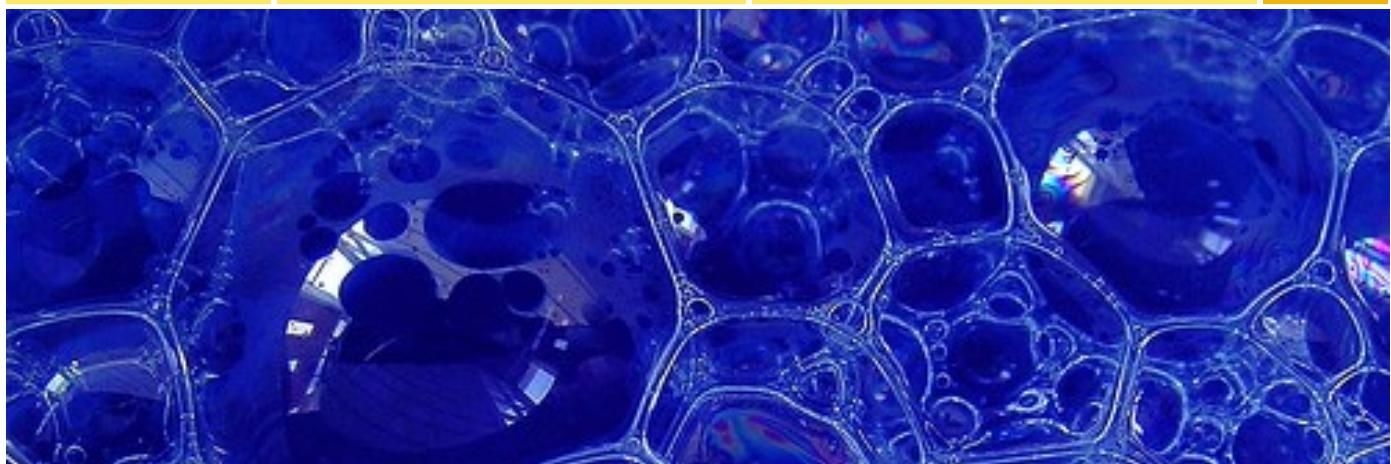
Commercial name	Description	HLB
Heliwet PBF 4	Medium chain fatty alcohol alkoxylates with low amounts of residual alcohol. Moderate foaming behaviour.	14.5
NP 4 NP 6 NP 8 NP 9 NP 10 NP 12	Nonylphenol 4 EO Nonylphenol 6 EO Nonylphenol 8 EO Nonylphenol 9 EO Nonylphenol 10 EO Nonylphenol 12 EO	9 11 12.3 12.8 13.2 13.9
Heliwet APG Heliwet PG 225 Heliwet PG 650 Heliwet PG LF	Alkyl polyglucoside C8-C10 Alkyl polyglucoside C8-C10 Alkyl polyglucoside C8-C14 Low foaming alkyl polyglucoside	
Heliwet PO	Low foaming fatty alcohol alkoxylates. Cloud point in water ranging from 16 to 75°C Cloud point in BDG ranging from 20 to 70°C	



Chelating agents

EDTA 2 Na powder EDTA 4 Na powder EDTA 4 Na liquid Heliquest MGDA NTA solid NTA liquid	Ethylene diamine tetra-acetic acid disodium salt 89% Ethylene diamine tetra-acetic acid tetrasodium salt 87% Ethylene diamine tetra-acetic acid tetrasodium salt 40% Phosphonates (HEDP, ATMP, PBTC) Methylglycine diacetate Nitrilotriacetic acid 92% Nitrilotriacetic acid 40%
--	--

Commercial name	Description	Application	
Heloxyl AM 40	Sodium octyliminodipropionate	Hydrotrope, wetting agent, alkaline stable. Especially suitable in combination with Heliwet NRF or PO range for low foaming applications	
Heloxyl AP 30	Sodium cocoiminodipropionate	Hydrotrope, wetting agent, alkaline stable, high foaming	
Betaine AAB Betaine OAB Betaine KBC	Cocoamidopropyl betaine Betaine C12-C14 alkyl dimethyl Tallow dihydroxyethyl betaine	Foambooster Acid stable surfactant with thickening properties Thickener and good skin compatibility	
	Coconut aminoxide Lauro-myristyl amine oxide Myristyl amine oxide	Foam booster, surfactant, thickener	
Heloxyl NXE	alkylcarboxylate	Hydrotrope, wetting agent	
Heliquat BAC	Alkyldimethylbenzylammoniumchloride	Hydrotrope, foambooster	
Softinex BIO	Esterquat	Textile softner	



	Anionic surfactants
DOSS 60 Heliwet EH 40 Heloxyl AL 80 Heloxyl AST 50 LEG 325 LT 40 LES 28% LES 70% Liquid soap K-Castor 35% Liquid soap K-Coco 18% Liquid soap K-Coco 40% Liquid soap K-Oleate 15% SLS 94% Sulfonic acid	Paraffinsulfonate 60% Sodium cumenesulfonate 40 % Sodium stearate Sodium sulforcinoleate 50 % Sodium xylene sulfonate 40 % Diocetyl sulfosuccinate 60% Ethylhexyl sulfate 40% Dodecylbenzenesulfonic acid sodium salt 80% Triethanolamine alkylbenzenesulfonate 50% Magnesium lauryl ether sulfate Triethanolamine lauryl sulfate 40% Sodium lauryl ether sulfate 28% Sodium lauryl ether sulfate 70% Potassium castorate 35% Potassium cocoate 18% Potassium cocoate 40% Potassium oleate 15% Sodium lauryl sulfate (powder / needles) Dodecylbenzenesulfonic acid

Commercial name	Description	Alkanolamides
Amide KDO Amide ODV Superamide ODM Superamide KD Superamide LD Coconut MEA	Coconut diethanolamide + glycerol Oleic diethanolamide + diethanolamine Oleic diethanolamide Coconut diethanolamide Lauric diethanolamide Coconut monoethanolamide	



Commercial name	Description	Application	Phosphate esters
Heloxyl EH-PO Heloxyl A-PO4 Heloxyl TD4 Heloxyl TC4	Alkylphosphate Alkylphosphate Alkyletherphosphate Alkyletherphosphate	Hydrotrope / wetting agent Wetting agent Wetting / emulsification agent Lubricant / emulsification agent	
Heloxyl CV+	Non-ionic/cationic blend	Surfactant system, designed to be used as sole surfactant in liquid alkaline (non solvent based) and acid hard surface, industrial and vehicle cleaners	
Heloxyl SBBT	Non-ionic blend	Emulsifier designed to formulate micro emulsions based on solvents	
Heloxyl TDP Heloxyl DOD	Non-ionic blend	Emulsifier to produce selfseparating solvent based degreasers	
Heloxyl HB90	Blend	Ready to dilute base product for car rinsing	Blends



<p>Aluminium stearate Calcium stearate Magnesium stearate Sodium stearate Zinc stearate</p>	<p>Metallic stearates</p>	
<p>Beeswax white, yellow / Beeswax substitute Candelilla wax / Candelilla wax substitutes Carnauba wax prime yellow Ester based waxes: stearyl stearate, cetyl palmitate, glycerol tristearate Ethylene-bis-stearamide Montanic ester wax - Wax E Paraffin waxes Polyethylene waxes Self emulsifying - Wax AO, Wax SX Synthetic spermaceti</p>	<p>Waxes</p>	
<p>Glycerin Pentaerythritol Polyethylene glycol 200, 300, 400, 600, 1000, 4000, 6000 , 20 000 Polyglycerol-2, 3, 4, 6, 10 Propylene glycol Sorbitol 70% liquid, 97% powder Trimethylolpropane</p>	<p>Polyols</p>	
<p>Allantoin alpha tocopherol alpha tocopherol acetate BHT Camphor Carbomer 940 Diethanolamine (DEA) d-Limonene Dipentene Glycerol formal Gum rosin</p>	<p>Menthol Orange terpene Paratoluene sulfonic acid (PTSA) Pine oil 70, 90% Pine tar Piroctone olamine Perhydrosqualene Soybean Lecithin liquid Triethanolamine (TEA) 85%, 99% Triethyl citrate Turpentine</p>	<p>Miscellaneous</p>

Process	Scope	Toll manufacturing	
Esterification	From lab sample to bulk loads		
Flaking or pastillation	min. 10 t campaigns		
Distillation & filtration	min. 10 t campaigns		
Blending of liquids	Up to 230°C, vacuum, nitrogen blanketing		
Packing	In drums, IBC's, optionally in clean room		
Storage capacity	For packed goods, ADR facilities		
Certification	Auditor	Scope	Certifications
ISO 9001:2015	PME Cert s.a.	Development, production & sales of chemical products	
Feed Chain Alliance (GMP Feed)	Vinçotte	FCA / OVOCOM — Commerce and production of raw materials for live-stockholders and additives	
Food Authorisation	AFSCA	Production and sales of specific food products	
Kosher	OK, 1K	On request	
Halal	EIHC	On request	
Organic — Bio	Certisys sprl	For vegetable oils, beeswax, glycerine	
RSPO	ISACert b.v.	On request - mass balance	

Mosselman s.a.
route de Wallonie, 4
B-7011 Ghlin
Belgium

 +32 65 395 610
 +32 65 395 612
 sales@mosselman.be
 www.mosselman.eu
VAT nr: BE 0451 025 254

