



## Ingredients for Inks & coatings





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**

**Drying oils**

**Fatty acids**

**Other vegetable oils,  
stand oils, blown oils**

**Polyols**

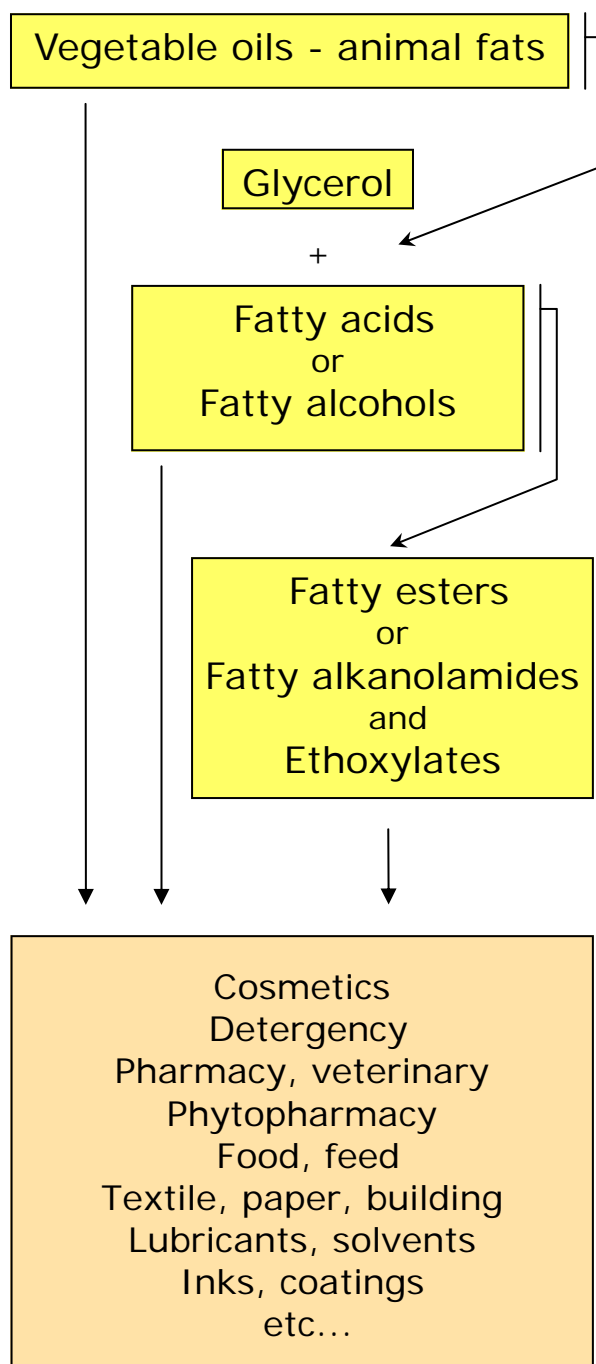
**Reactive diluents**

**Solvents — non VOC, vegetable based**

**Surfactants, emulsifiers,  
dispersing agents**

**Toll production facilities  
R&D services**

**Esterification, amidification  
Distillation  
Molecular distillation  
Filtration, blending,  
Packing, storage  
Quality control**



<p>Cashew nut Shell Liquid  Castor oil      Blown      cristal      Dehydrated      first pression      Hydrogenated  China Wood oil  Coconut oil      refined      fractionated      Hydrogenated  Grapeseed oil  Linseed oil      bleached      blown      boiled      crude      standoils</p>	<p>Oiticica oil  Palm oil      hydrogenated      refined  Palm kernel oil refined  Rapeseed oil      blown      Refined      Stand oils  Safflower oil      regular—refined      oleic—refined  Soybean oil  Sunflower oil      regular refined      high oleic refined  Tung oil</p>	<b>VEGETABLE OILS</b>
<p>Caproic acid  Caprylic acid  Capric acid  Caprylic capric acid  Lauric acid  Myristic acid  Palmitic acid  Stearic acid  12-Hydroxy stearic acid  Ricinoleic acids  Oleic acid  Conjugated fatty acids  Behenic acid  Erucic acid</p> <p>Coconut fatty acids  Coconut fatty acids—topped  Linseed fatty acid  Tall-oil fatty acids (TOFA)</p>	<p>C6  C8  C10  C8-C10  C12  C14  C16  C18  C18-OH  C18:1-OH  C18:1  C18:2  C22  C22:1</p> <p>C8-C18  C12-C18  mainly C18:3  C18 unsat.</p>	<b>FATTY ACIDS</b>
<p>Cetyl alcohol  Cetyl-stearyl alcohol 50/50  Cetyl-stearyl alcohol 30/70  Cetyl-stearyl alcohol 70/30  Stearyl alcohol  Oleyl alcohol  Oleo-cetyl alcohols</p>	<p>C16  C16-C18  C16-C18  C16-C18  C18  C18:1  C18:1-C16</p>	<b>FATTY ALCOHOLS</b>

Butyl tallate

Ethyl esters of rapeseed  
Ethyl oleate  
Ethyl linoleate

2-Ethylhexyl ester of coconut  
2-Ethylhexyl 2-ethylhexanoate  
2-Ethylhexyl laurate  
2-Ethylhexyl oleate  
2-Ethylhexyl palmitate  
2-Ethylhexyl stearate

Glycerol mono-oleate  
Glycerol monoricinoleate  
Glycerol monostearate 40%  
Glycerol monostearate 60%  
Glycerol monostearate 90%  
Glycerol monostearate self-emulsifying  
Glycerol tri-caprylate/caprates (MCT)  
Glycerol trioleate

Isopropyl laurate  
Isopropyl myristate  
Isopropyl oleate

Isobutyl oleate  
Isobutyl stearate

Isotridecyl stearate  
Isotridecyl esters of linseed

Methyl esters C16-C18  
Methyl esters of castor  
Methyl esters of coconut  
Methyl esters high oleic sunflower  
Methyl esters of linseed  
Methyl esters of rapeseed  
Methyl esters of soybean  
Methyl esters of TOFA  
Methyl esters of topped coconut  
Methyl behenate  
Methyl erucate  
Methyl laurate  
Methyl linoleate  
Methyl oleate  
Methyl ricinoleate  
Methyl stearate

PEG 200 monocaprylate  
PEG 200 mono-oleate

PEG 300 mono-oleate  
PEG 300 monostearate

PEG 400 dioleate  
PEG 400 distearate  
PEG 400 mono-esters of coconut  
PEG 400 monolaurate  
PEG 400 monooleate  
PEG 400 monoricinoleate  
PEG 400 monostearate

PEG 600 diester of coconut  
PEG 600 dioleate  
PEG 600 mono-oleate

Pentaerythritol mono-/di-/tri-oleate  
Pentaerythritol tetra-caprylate/caprates  
Pentaerythritol tetrastearate

Propylene glycol dioleate  
Propylene glycol monostearate

Sorbitan monolaurate  
Sorbitan mono-oleate  
Sorbitan monopalmitate  
Sorbitan monostearate  
Sorbitan sesquioleate  
Sorbitan trioleate  
Sorbitan tristearate

Sorbitan monolaurate 20 EO  
Sorbitan mono-oleate 20 EO  
Sorbitan monostearate 20 EO  
Sorbitan triloleate 20 EO

Commercial name	Description	HLB (approx.)
Heliwet FA 10/3	Fatty alcohol C10 + 3 EO	9
Heliwet FA 10/5	Fatty alcohol C10 + 5 EO	11.5
Heliwet FA 10/6	Fatty alcohol C10 + 6 EO	12
Heliwet FA 10/7	Fatty alcohol C10 + 7 EO	13
Heliwet FA 10/8	Fatty alcohol C10 + 8 EO	14
Heliwet FA 10/11	Fatty alcohol C10 + 11 EO	15
Heliwet FA 91/6	Fatty alcohol C9-C11 + 6EO	13.5
Heliwet FA 91/6L	Fatty alcohol C9-C11 + 6EO 90% solution	13.5
Heliwet FA 91/8	Fatty alcohol C9-C11 + 8EO	14.5
Heliwet FA 91/8L	Fatty alcohol C9-C11 + 8EO 85% solution	14.5
Heliwet FA 13/3	Fatty alcohol iso-C13 + 3 EO	9
Heliwet FA 13/5	Fatty alcohol iso-C13 + 5 EO	10.5
Heliwet FA 13/6	Fatty alcohol iso-C13 + 6 EO	11
Heliwet FA 13/7	Fatty alcohol iso-C13 + 7 EO	12
Heliwet FA 13/8	Fatty alcohol iso-C13 + 8 EO	13
Heliwet FA 13/89	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
Heliwet FA 13/15	Fatty alcohol iso-C13 + 15 EO	15.5
Heliwet FA 13/20	Fatty alcohol iso-C13 + 20 EO	16.5
Heliwet FA 24/2	Fatty alcohol C12-C14 + 2 EO	6.1
Heliwet FA 24/3	Fatty alcohol C12-C14 + 3 EO	8
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 35/4	Fatty alcohol C13-C15 + 4 EO	9
Heliwet FA 35/5	Fatty alcohol C13-C15 + 5 EO	10
Heliwet FA 35/7	Fatty alcohol C13-C15 + 7 EO	12
Heliwet FA 35/8	Fatty alcohol C13-C15 + 8 EO	12.5
Heliwet FA 35/10	Fatty alcohol C13-C15 + 10 EO	13.5
Heliwet FA 35/12	Fatty alcohol C13-C15 + 12 EO	14
Heliwet FA 35/30	Fatty alcohol C13-C15 + 20 EO	17
Heliwet FA 68/10	Fatty alcohol C16-C18 + 10 EO	13
Heliwet FA 68/25	Fatty alcohol C16-C18 + 25 EO	16
Heliwet FA 68/50	Fatty alcohol C16-C18 + 50 EO	18
Heliwet FA 68/80	Fatty alcohol C16-C18 + 80 EO	18.5
Heliwet OC 2	Oleocetyl alcohol + 2 EO	4.9
Heliwet OC 5	Oleocetyl alcohol + 5 EO	9
Heliwet OC 20	Oleocetyl alcohol + 20 EO	15
EL 11	Castor oil + 11 EO	7
EL 33	Castor oil + 33 EO	12
EL 40	Castor oil + 40 EO	12.5
EL 200	Castor oil + 200 EO	18
Heliwet HCO 40	Hydrogenated castor oil + 40 EO	15
Heliwet HCO 60	Hydrogenated castor oil + 60 EO	16

**NON-IONIC SURFACTANTS**

Commercial name	Description	HLB (approx.)	NON-IONIC SURFACTANTS
	Lanolin + 30 EO Lanolin + 75 EO	11 17	
NP 4 NP 5 NP 6 NP 8 NP 9 NP 10 NP 12	Nonylphenol + 4 EO Nonylphenol + 5 EO Nonylphenol + 6 EO Nonylphenol + 8 EO Nonylphenol + 9 EO Nonylphenol + 10 EO Nonylphenol + 12 EO	9 10 11 12.3 12.8 13.2 13.9	
Heliwet PBF 2 Heliwet PBF 4 Heliwet PBF 6	Medium chain fatty alcohol alkoxyates with low amounts of residual alcohol. Broad range alkoxylation. Moderate foaming behaviour.	14.0 14.5 15.0	
Heliwet NRF 2 Heliwet NRF 4 Heliwet NRF 6	Medium chain fatty alcohol alkoxyates with low amounts of residual alcohol. Narrow range alkoxylation. Moderate foaming behaviour.	10.5 11.5 12.5	



<p>Sulfonic acid Heloxyl AST 50 DOSS 63 LEG 325 LT 40 LES 28 LES 70 SAS 60</p> <p>Heloxyl CS 40 Heliwet NLS 90 Heloxyl K 1881 Sodiumstearate Heloxyl AL 80 Heloxyl EH 40</p>	<p>Alkylbenzenesulfonic acid Ethanolamine alkylbenzenesulfonate Dialkylsulfosuccinate Magnesium laurylethersulfate Ethanolamine alkylsulfate Sodium laurylethersulfate 28% Sodium laurylethersulfate 70% Paraffinsulfonate Sodium xylene sulfonate Sodium cumenesulfonate Sodiumlaurylsulfate (powder / needles) Neutralized fatty acid Neutralized fatty acid in powderform DBSA Sodium salt Ethylhexyl sulphate</p>	ANIONIC SURFACTANTS
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Amide KM 28  
Amide KDK  
Amide KDO  
Amide ODV  
Amide SDO  
Superamide ODM  
Superamide KD

Coconut monoethanolamide  
Coconut diethanolamide (2-1)  
Coconut diethanolamide  
Oleyl diethanolamide  
Soybean diethanolamide  
Oleyl diethanolamide  
Coconut diethanolamide

## ALKANOL-AMIDES



Beeswax  
Candelilla  
Carnauba wax  
Diethanolamine (DEA)  
EDTA  
Glycerine  
Glycerol formal  
Soybean Lecithin  
d-Limonene  
NTA  
Orange terpene  
Paraffin waxes  
Petrolatum jelly—white or yellow  
Pine oil  
Polyethylene glycol 200, 300, 400, 600, 1000, 4000, 6000  
Polyethylene waxes  
Propylene glycol  
Silicon oil 100, 350, 1000  
Sorbitol 70% NC  
Triethanolamine (TEA) 85%, 99%  
Turpentine  
White paraffin oil  
    heavy  
    medium  
    light  
    extra light

## MISCELLANEOUS



## CERTIFICATE OF APPROVAL N°/0501

We do certify that the Quality Management System of following company :

**MOSSELMAN S.A.**  
**Route de Wallonie 4**  
**B - 7011 Ghlin**

has been approved by PME Cert S.A. as per report «MOSSEL - rapisocertif»  
and does meet the requirements of following Quality Management Norm :

**ISO 9001 : 2000**

The scope of this certificate is :

**Development, Production and Sales of chemical products**

First approval : 05th july 2005

Certificate expiration : 05th july 2008

COX R. Executive Director

PME Cert S.A.  
Rue des Minours 23 bte21  
B - 4040 HERSTAL  
Tél / Fax : 04/264.84.54

This certificate follows the certification rules of PME Cert S.A. (DOC33)



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