

**YOUR PARTNER IN
OLEOCHEMICALS**



CHEM**SYNERGY**

Germany United Kingdom Philippines India



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ChemSynergy GmbH – Profile

The Company

The head office of ChemSynergy is located in Meerbusch, Germany. Its management has a distinguished and worldwide reputation throughout the oleochemical industry enabling ChemSynergy to become a major distributor and producer of chemicals to Europe, Middle-East, Africa, and North America. The company's prime focus is on the supply of oleochemicals based on renewable sources.

We are particularly strong in the traditional distribution of oleochemicals, especially fatty alcohols, fatty acids, fatty amines, glycerine, methyl ester, special esters and defined oils for cosmetic/personal care, household products/detergents, food, and industrial applications. ChemSynergy fully supports developments towards sustainability. Consequently the company has been certified according to the RSPO regulations.

Competence and worldwide presence – our Strengths

ChemSynergy distinguishes itself from other distributors in the industry by providing technical and process consultancy to our partners, especially for the production of oleochemicals and their derivatives.

Our principal supply base is mainly made up of Asian companies, which strengthens our relationship with existing and potential new suppliers. Among the oleochemicals manufacturers this is recognized as a strong competitive edge.

As a result of close relationships such as these, we can ensure a continuous and secure supply of high quality chemicals to our customers.

ChemSynergy also offers value added services such as:

- Production according to customer needs
- Technical and application support
- Blending, filling and formulation of liquid oleochemicals
- Allocation of flexible tank storage facilities
- Pastillation of special oleochemical products

These services create new opportunities to our customers to focus on their core competences and enables both partners realizing positive synergetic effects and continuous growth especially in “make or buy” decision processes.

Our Partners

ChemSynergy started a cooperation with SECOL Chemicals, a producer of Secondary Alcohol Ethoxylates, in March 2020. As consultant and market specialist in the area of Oleochemicals and Surfactants, ChemSynergy is responsible for SECOLs sales and marketing activities in Europe and for selected global accounts.

ChemSynergy – International

ChemSynergy maintains a subsidiary in the United Kingdom and representations in the Philippines and India.



Main Product Focus

Oils & Fats

Fatty Alcohols

Fatty Acids

Methyl Esters

Glycerines

Fatty Amines

Special Esters & Surfactants

Soap Noodles



Basic Oleochemicals

Oils & Fats

Castor Oil FSG
Castor Oil PU
Hydrogenated Castor Oil
Virgin Coconut Oil (VCO)
Hydrogenated Palm Stearin

Sugar Alcohols

Sorbitol Powder R
Sorbitol Powder F
Maltit Powder

Fatty Alcohols

Fatty Alcohol C8 99
Fatty Alcohol C8C10
Fatty Alcohol C10 98
Fatty Alcohol C10C12
Fatty Alcohol C12 99
Fatty Alcohol C14 98
Fatty Alcohol C14 98 Pastilles
Fatty Alcohol C16 98
Fatty Alcohol C16 98 Pastilles
Fatty Alcohol C18 98
Fatty Alcohol C18 98 Pastilles
Fatty Alcohol C12C14
Fatty Alcohol C12C16
Fatty Alcohol C12C18
Fatty Alcohol C16C18 30/70
Fatty Alcohol C16C18 30/70 Pastilles
Fatty Alcohol C16C18 50/50
Fatty Alcohol C16C18 50/50 Pastilles
Fatty Alcohol C16C18 70/30
Fatty Alcohol C16C18 70/30 Pastilles
Fatty Alcohol C18C22
Fatty Alcohol C18C22 Flakes
Fatty Alcohol C22 75/90

Unsaturated Fatty Alcohols

Fatty Alcohol unsaturated 50/55
Fatty Alcohol unsaturated 60/65
Fatty Alcohol unsaturated 70/75
Fatty Alcohol unsaturated 80/85



Basic Oleochemicals

Fatty Acids, saturated

Fatty Acid C8 99
Fatty Acid C8C10 Distilled
Fatty Acid C8C10 Heat Stable
Fatty Acid C10 99
Fatty Acid C12 99
Fatty Acid C12 98 Flakes
Fatty Acid C14 98
Fatty Acid C14 98 Flakes
Fatty Acid C16 98
Fatty Acid C16 98 Flakes
Fatty Acid C18 98
Fatty Acid C18 98 Flakes
Fatty Acid C8C18
Fatty Acid C12C14
Fatty Acid C12C18
Fatty Acid C12C18 Hydrogenated
Fatty Acid C16C18 V 30/70 (Stearic)
Fatty Acid C16C18 V 30/70 (Stearic) Flakes
Fatty Acid C16C18 V 48/51 (Stearic)
Fatty Acid C16C18 V 48/51 (Stearic) Flakes
Fatty Acid C16C18 V 65/35 (Stearic)
Fatty Acid C16C18 V 65/35 (Stearic) Flakes
Fatty Acid 12-Hydroxystearic
Fatty Acid Behenic 85
Fatty Acid Behenic 90
Sebacic Acid

Fatty Acids, unsaturated

Oleic Acid V 8896-70
Oleic Acid V 8896-75
Ricinoleic Acid



Basic Oleochemicals

Oleochemical By-products

Coconut Acid Oil (CAO)
Coconut Fatty Acid Distillate

Methyl Esters

Methyl Ester C8C10
Methyl Ester C6C18
Methyl Ester C16C18
Castor Oil Methyl Ester

Glycerines

Glycerine 99.5% V, DAB, EP, USP
Glycerine 99.5%
Crude Glycerine 80% V

Fatty Amines, prim.

Coco Amine Dist.
Octadecyl Amine Dist.
Oleyl Amine 75 Dist.
Oleyl Amine 90 Dist.
Tallow Amine Dist.
Tallow Amine Hydrogenated Dist.

Fatty Amines, sec.

Dicoco Amine
Ditallow Amine Hydrogenated
Distearyl Amine

Fatty Amines, tert.

C8 Dimethyl Amine
C10 Dimethyl Amine
C12 Dimethyl Amine
C14 Dimethyl Amine
C16 Dimethyl Amine
C18 Dimethyl Amine
C12C14 Dimethyl Amine
C12C16 Dimethyl Amine
C12C18 Dimethyl Amine
C16C18 Dimethyl Amine
C22 Dimethyl Amine
C8 Dioctyl Amine
C10 Didecyl Amine

Diamines

Tallowpropylenediamine (TPDA)



Oleochemical Derivatives

Mono Alcohol Esters

Isopropyl Laurate (IPL)
Isopropyl Myristate (IPM)
Isopropyl Palmitate (IPP)
Butyl Stearate
Isobutyl Stearate
Ethylhexyl Cocoate
Ethylhexyl Laurate
Ethylhexyl Oleate
Ethylhexyl Palmitate
Ethylhexyl Stearate
Isotridecyl Stearate
Isostearyl Isostearate

Glycerol Esters

Glycerol Monostearate NSE (GMS-NSE)
Glycerol Monostearate SE (GMS-SE)
Glycerol Monolaurate (GML)
Glycerol Monooleate (GMO)
Glycerol Tricaprylate/Caprate (MCT)
Glycerol Trioleate (GTO)

Sorbitan Esters

Sorbitan Monolaurate (SML)
Sorbitan Monopalmitate (SMP)
Sorbitan Monostearate (SMS)
Sorbitan Monooleate 40/30 (SMO)
Sorbitan Monooleate 60/20 (SMO)
Sorbitan Monooleate 75/18 (SMO)
Sorbitan Tristearate
Sorbitan Trioleate

Glycol Esters

Ethylene Glycol Monostearate
Ethylene Glycol Distearate
Polypropylene Glycol 2000 Dioleate
Propylene Glycol Dioleate (PGDO) 60/20
Propylene Glycol Dioleate (PGDO) 70/20

PEG Esters

PEG 200 Monolaurate
PEG 200 Monostearate
PEG 200 Monooleate
PEG 400 Monolaurate
PEG 400 Monostearate
PEG 400 Monooleate
PEG 600 Monolaurate
PEG 600 Monostearate
PEG 600 Monooleate
PEG 400 Dioleate
PEG 600 Dioleate
PEG 6000 Distearate

TMP Esters

TMP Trioleate
TMP Tricaprylate / Caprate



Oleochemical Derivatives

Nonionic Surfactants

Cocamide MEA
 Cocamide DEA
 PEG-7 Glyceryl Cocoate
 PEG-20 Sorbitan Monolaurate (Polysorbate 20)
 PEG-20 Sorbitan Monopalmitate (Polysorbate 40)
 PEG-20 Sorbitan Monostearate (Polysorbate 60)
 PEG-20 Sorbitan Monooleate (Polysorbate 80)
 PEG-20 Sorbitan Tristearate (Polysorbate 65)
 PEG-20 Sorbitan Trioleate (Polysorbate 85)
 Fatty Alcohol C16C18 EO 10
 Fatty Alcohol C16C18 EO 20
 Fatty Alcohol C16C18 EO 25
 Fatty Alcohol C16C18 EO 50
 PEG-7 Castor Oil
 PEG-11 Castor Oil
 PEG-20 Castor Oil
 PEG-25 Castor Oil
 PEG-35 Castor Oil
 PEG-40 Castor Oil
 PEG-40 Hydrogenated Castor Oil
 Coco Amine EO 5
 Coco Amine EO 10
 Oleyl Amine EO 10
 Oleyl Amine EO 20
 Tallow Amine EO 5
 Tallow Amine EO 10
 Tallow Amine EO 15

Anionic Surfactants

Sodium Dioctylsulfosuccinate 50% (DOSS 50%)
 Sodium Dioctylsulfosuccinate 70% (DOSS 70%)

Cationic Surfactants

Polyquaternium - 7

Amphoteric Surfactants

CAPB 35%
 CAPB 45%
 Disodium Cocoamphodiacetate 50%
 Sodium Cocoamphodipropionate 40%
 Sodium Ethylhexyl Imino Dipropionate 40%

Secondary Alcohol Ethoxylates

Secondary Alcohol Ethoxylate EO 5
 Secondary Alcohol Ethoxylate EO 7
 Secondary Alcohol Ethoxylate EO 9
 Secondary Alcohol Ethoxylate EO 12
 Secondary Alcohol Ethoxylate EO 15
 Secondary Alcohol Ethoxylate EO 200
 Secondary Alcohol Ethoxylate EO 400



Specialities for Personal Care

Active Ingredients

Allantoin
Alpha Bisabolol Natural
Arbutin
Deoxyarbutin
Bismuth Citrate
Bismuth Oxychloride
Chlorhexidine Gluconate
DL - Panthenol Powder
Ethylhexylglycerine
Hyaluronic Acid Sodium 90% Natural
Kojic Acid
Piroctone Olamine
Tocopheryl Acetate
Zinc Pyrithione 48% Dispersion (ZPT 48%)
Zinc Pyrithione Powder (ZPT Powder)

Antimicrobials

Climbazole
Ketoconazole
Triclosan

Special Oils

Jojoba Golden Oil
Almond Oil
Apricot Kernel Oil
Avocado Oil
Grape Seed Oil
Hazelnut Oil
Macadamia Nut Oil
Moringa Oil
Peach Kernel Oil
Sunflower Oil
Sweet Almond Oil
Walnut Oil
Wheat Germ Oil



Specialities for Food

Sorbitan Ester

Sorbitan Monolaurate (E493)
Sorbitan Monooleate (E494)
Sorbitan Monopalmitate (E495)
Sorbitane Monostearate (E491)
Sorbizane Tristearate (E492)

Polysorbates

PEG-20 Sorbitan Monolaurate (Polysorbate 20 - E432)
PEG-20 Sorbitan Monooleate (Polysorbate 80 - E433)
PEG-20 Sorbitan Monopalmitate (Polysorbate 40 - E434)
PEG-20 Sorbitan Monostearate (Polysorbate 60 - E435)
PEG-20 Sorbitan Tristearate (Polysorbate 65 - E436)

Auxiliaries

Citric Acid Monohydrate
Citric Acid Anhydrous
Trisodium Citrat Dihydrate
Potassium Sorbate
Sodium Benzoate
Tartaric Acid

Animal Feed

Copra Cake Expeller Meal

Others

Soap Noodles P 80/20

Soap Noodles PC 65/35

Soap Noodles SN06

Soap Noodles CSA Soap 049



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