



# Ecogreen

## Oleochemicals



FATTY ESTERS

## ROFETAN® - Fatty esters for cosmetic and pharmaceutical applications

The products of our **Rofetan** range, specifically designed for use in cosmetics and pharmaceutical formulations, are supplied to you with corresponding certificates of analysis complying with the latest versions of the relevant national and international pharmacopoeias.

You may order the individual product of the **Rofetan** range with kosher certification. Through our interdisciplinary approach in different applications and the long-lasting production expertise of our teams at DHW, we continuously develop new speciality products finding new effects and new areas of use.

If you think of further needs, e.g. an effect you look for or a new product you want to test, please contact us – we will make it happen!

Cosmos/Ecocert certificate is available for **Rofetan GTCC**, **Rofetan GTCC 70/30** and **Rofetan OE**.



### Glycerol Ester

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan GTCC	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Emollient	Ph. Eur., USP/NF
Rofetan GTCC 70/30	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Emollient	Ph. Eur., USP/NF
Rofetan GMO	Glyceryl Monooleate	25496-72-4	Liquid	Emulsifier	Ph. Eur.

### Wax Ester

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan DO	Decyl Oleate	3687-46-5	Liquid	Emollient	Ph. Eur.
Rofetan OLO	Oleyl Oleate	3687-45-4	Liquid	Emollient	DAB
Rofetan CP	Cetyl Palmitate	95912-87-1	Pastilles	Emollient, Consistency Agent	Ph. Eur., USP/NF
Rofetan ST-P	Stearyl Stearate	2778-96-3	Pastilles	Consistency Agent	-

### Sorbitan Ester

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan SMO	Sorbitan Oleate	1338-43-8	Liquid	Emulsifier, Intermediate	Ph. Eur., USP/NF
Rofetan STO	Sorbitan Trioleate	26266-58-0	Liquid	Emulsifier, Intermediate	-
Rofetan SMS	Sorbitan Stearate	1338-41-6	Pastilles	Emulsifier	Ph. Eur., USP/NF

### Ethylhexyl Ester

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan 180	Ethylhexyl Caprylate/Caprate		Liquid	Solvent	-
Rofetan 148	Ethylhexyl Laurate	20292-08-4	Liquid	Solvent	DAC
Rofetan 188	Ethylhexyl Stearate	91031-48-0	Liquid	Solvent	-

### Special Ester

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan PGCC	Propylene Glycol Dicaprylate Dicaprate	68583-51-7	Liquid	Emollient	Ph. Eur., USP/NF
Rofetan CG	Coco Glyceride	68606-18-8	Liquid	Emollient	-
Rofetan CCC	Coco Caprylate Caprate	95912-86-0	Liquid	Emollient	Ph. Eur.

### Special Ether

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan OE	Dicaprylyl Ether	629-82-3	Liquid	Emollient	-

### Special Blend

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Rofetan NS	Cetearyl Alcohol Ceteareth-80 Glyceryl Stearate	67762-27-0, 68439-49-6, 31566-31-1	Pastilles	Emulsifier	DAC
Rofetan W/O-Emulgator	Sorbitan Oleate Glyceryl Oleate	1338-43-8, 25496-72-4	Liquid	Emulsifier	DAC

### Isosorbide

Product Name	INCI Name	CAS-Number	Form	Function	Regulation Pharma
Sorbon/ Sorbon P	Isosorbide	652-67-5	Solid/ Pastilles	Intermediate	-

## ROMULGIN® - Fatty esters for food applications

Under the trade name **Romulgin** Ecogreen produces and markets esters for food and feed applications.

High quality alcohols, produced in our German and Indonesian plants, combined with our own fatty acids, also manufactured in our own facilities, give us a stable raw material quality to supply a continuous high product quality to our customers.

In addition the integration into raw materials and the historical know-how in producing these raw materials, give us the needed flexibility to offer tailor made products to our customer and to modify standard products on customer requests.

Our products of the **Romulgin** range, are specifically designed for the use in nutritionals, in the food and feed applications as well as for confectionaries and sweets.

These products find their use as:

- release agent
- anti sticking agent
- mould release aid
- fat substitute
- lubricant

All products comply with the latest versions of the specific regulations such as FAO/WHO and EU and we supply the products with a corresponding certificate of analysis and a kosher certificate.



### Glycerol Ester

Product Name	Chemical Name	CAS-Number	Form	Function	Regulation
Romulgin GTCC	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Releasing Agent, Fat Substitute	Regarded by most legislations as edible oil
Romulgin GTCC 70/30	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Releasing Agent, Fat Substitute	Regarded by most legislations as edible oil

### Wax Ester

Product Name	Chemical Name	CAS-Number	Form	Function	Regulation
Romulgin OLO	Oleyl Oleate	3687-45-4	Liquid	Releasing Agent	-

### Sorbitan Ester

Product Name	Chemical Name	CAS-Number	Form	Function	Regulation
Romulgin SMO	Sorbitan Monooleate	1338-43-8	Liquid	Emulsifier	E 494
Romulgin SMS	Sorbitan Monostearate	1338-41-6	Pastilles		E 491

## ROFACER® - Fatty esters for technical applications

As a producer of biodegradable, natural alcohols and fatty acids, manufactured in our German and Indonesian plants, we focus on esters, where we process our own raw materials. This offers flexibility and security of supply to our ester plants as well as to our customers.

Ecogreen also uses petrochemical alcohols and esterifies this product group with our own fatty acids. The long experience in producing these acids enables us to offer a wide range of high quality products both for the

standard - as well as for special applications.

Under the trade name **Rofacer**, Ecogreen produces and markets esters for industrial applications.

The wide range of alcohols and fatty acids offer an almost unlimited number of possible esters. Every combination shows their own advantages and functions, depending on the used raw materials. With the knowledge in raw materials **Rofacer** esters can be developed to meet specific requirements for different applications.

Our products of the **Rofacer** range, are specifically designed to find their use as:

- consistency regulator
- cleaning aid
- emulsifier
- solvent
- lubricant
- plasticizer

All products are supplied with a corresponding certificate of analysis and we also supply our **Rofacer** products particularly with a kosher certificate.

### Glycerol Ester

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer GTCC	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Solvents, Lubricants	Germany
Rofacer GTCC 70/30	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Solvents	Germany
Rofacer GTCC 60	Caprylic/Capric Triglyceride	73398-61-5	Liquid	Solvents	France

### Wax Ester

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer DO	Decyl Oleate	3687-46-5	Liquid	Polymers	Germany
Rofacer OLO	Oleyl Oleate	3687-45-4	Liquid	Lubricants	Germany
Rofacer CP	Cetyl Palmitate	95912-87-1	Pastilles	Polymer Additive, Waxes	Germany
Rofacer ST-P	Stearyl Stearate	2778-96-3	Pastilles	Polymer Additive, Waxes	Germany

### Sorbitan Ester

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer SMO	Sorbitan Monooleate	1338-43-8	Liquid	Textiles, Chemical Intermediates	Germany, France
Rofacer STO	Sorbitan Trioleate	26266-58-0	Liquid	Textiles, Lubricants	Germany
Rofacer SMS	Sorbitan Monostearate	1338-41-6	Pastilles	Textiles, Waxes	Germany

### Special Ether

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer OE	Dicaprylyl Ether	629-82-3	Liquid	Metal Working, Inks and Solvents	Germany



### Ethylhexyl Ester

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer 180	Ethylhexyl Caprylate/Caprates		Liquid	Inks and Solvents	France
Rofacer 182	Ethylhexyl Ester		Liquid	Inks and Solvents	France
Rofacer 148	Ethylhexyl Laurate	20292-08-4	Liquid	Metal Working, Inks and Solvents, Lubricants	France
Rofacer 116	Ethylhexyl Palmitate	29806-73-3	Liquid	Metal Working, Lubricants	France
Rofacer 168	Ethylhexyl Tallowate*	85049-37-2	Liquid	Inks and Solvents, Textiles	France
Rofacer 188	Ethylhexyl Stearate	91031-48-0	Liquid	Metal Working, Inks	France, Germany
Rofacer EHO	Ethylhexyl Oleate	26399-02-0	Liquid	Textiles	France

\*vegetable source

### Special Ester

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Rofacer LO 75	Lauryl Oleate	36078-10-1	Liquid	Textiles, Lubricants	France
Rofacer PGCC	Propylene Glycol Dicaprylate Dicaprate	68583-51-7	Liquid	Textiles and Solvents	Germany
Rofacer PGCC 60	Propylene Glycol Dicaprylate Dicaprate	68583-51-7	Liquid	Textiles and Solvents	France
Rofacer PEG 600 MO	PEG 600 Monooleate	9004-96-0	Liquid	Processing Aid, Emulsifier, Lubricants	France
Rofacer PEG 600 DO	PEG 600 Dioleate	9005-07-6	Liquid	Textiles, Emulsifier, Lubricants	France
Rofacer PEG 400 MO	PEG 400 Monooleate	9004-96-0	Liquid		France
Rofacer PEG 400 DO	PEG 400 Dioleate	9005-07-6	Liquid		France

### Isosorbide

Product Name	Chemical Name	CAS-Number	Form	Application	Production Site
Sorbon/ Sorbon P	Isosorbide	652-67-5	Solid/Pastilles	Polymers	Germany

## MARKETING OFFICES

### HEADQUARTER

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