

FATTY ACIDS

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ENHANCING YOUR NATURAL PORTFOLIO

Temix Oleo was formed in October 2014 by the merger of Oleochimica Italia (previously Undesa Italia) and Temix International.

Given its roots, the new company is based in strong historical traditions and values, while offering extensive expertise in the respective industries of its predecessors: detergents and cosmetics (Temix international), and lubricants, rubber and other industrial application products (Oleochimica Italia).

Honouring Temix International's slogan "Enhancing your natural portfolio", Temix Oleo combines its experience in the distribution of raw materials, selected mainly from renewable sources, together with the technology and experience of Oleochimica Italia in esters and fatty acids production.

REAL SUSTAINABILITY

Now a well-known resource for specialty oleochemical esters, Temix Oleo focused on sustainable chemistry, promoting the use of selected renewable and biodegradable raw materials. Even internally, Temix Oleo promotes eco-compatible business management practices, encouraging its team to continually seek innovative, sustainable and qualitative solutions.

RESEARCH AND DEVELOPMENT

With an ever-changing market, the ability to innovate is paramount. Temix Oleo continually invests in technological innovation, particularly through its Research and Development efforts.

CUSTOMIZED PRODUCTS

Temix Oleo has the ability to develop tailor-made products designed to meet each customer's needs. For more information on the technical details of this process, our sales office would be happy to help you.

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FATTY ACIDS

Temix Oleo produces and provides Fatty Acids, both saturated and unsaturated, from animal and vegetable renewable sources, able to satisfy the needs of a number of technical production fields, such as polymers, detergents, candles, paper, abrasives, rubber, textiles, paints, but also industrial applications requiring high production standards.

Our production plants have been recently renewed and upgraded, in order to be able to offer a wider range of products and high-quality standards.

STEARINES:

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR (Lovibond)	<C14	C14	<C16	C16	C18	>C18
ACITEM ST10S	204	1,2	59	205	Y3,0 R0,5 (5" 1/4)	0,2	2	-	29	63	1,3
ACITEM ST20S	204	2	59	205	Y6 R0,6 (5" 1/4)	-	-	2	29	63	1,3
ACITEM ST20C	206	2	56	207	Y6 R0,7 (5" 1/4)	-	-	2,5	41	52	1

Applications: Biodegradable stabilizer additive for lubricant and greases, paper, candles, rubber, synthesis, laundry, coating, resins, foam inhibitors and hydrophobic agents.

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR	<C16	C16	C16'	C18	>C18
ACITEM ST80C	204	8	56	205	3 (FAC)	-	-	-	-	-
ACITEM ST20C2	204	2	56	205	3 (FAC)	-	-	-	-	-

Applications: Biodegradable stabilizer additive for lubricant, greases, paper, candles, rubber, synthesis, laundry, coating, resins, foam inhibitors and hydrophobic agents.

LEGEND:

A.V = Acid Value (MGKOH/G) S.V = Saponification Value (MGKOH/G) I.V = Iodine Value (GI2/100G)

OLEINES:

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR (Lovibond)	<C14	C14'	<C16	C16	C16'	C18'	C18''	C18'''
ACITEM OL100A	199	99	9	200	Y3 R0,6 (1'')	1	0,2	-	5,6	3,6	68,5	14,2	0,9
ACITEM OL100V	198	101	9	199	Y2,5 R0,3 (1'')	-	-	1	5,2	1,3	75,8	11,8	0,8

Applications: Biodegradable stabilizer additive for lubricant and greases, synthesis, fatty alcohols, textile/leather/fiber finishes, inks, paper.

DISTILLED FATTY ACIDS (Tallow Fatty Acid)

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR (Lovibond)	<C14	C16	C16'	C18	C18'	C18''	C18'''
ACITEM SE25	204	54	40	205	Y50 R5 (5''1/4)	2	25	2,5	15	38	7,5	-
ACITEM SE25C	205	54	40	205	Y15 R4 (1'')	4	28	5	18	38	5,5	1
ACITEM SE50	204	54	40	205	Y20 R2 (5''1/4)	2	25	2,5	15	38	7,5	-
ACITEM SE100	205	52	42	206	Y13 R1,5 (5''1/4)	2,5	25	3	19	37	5,5	-
ACITEM SE100HC	205	37	46	206	Y15 R1,5 (5''1/4)	3	37	5 Max	26	28	4	1
ACITEM DK50	200	20	50	201	10 (FAC)	-	45	-	30	20	-	-
ACITEM DK100	207	20	50	208	Y5 R0,5 (5''1/4)	-	48	-	30	20	-	-

Applications: Metal-working fluids, rolling oils, synthesis, surface finishing, rubber, textile/leather/fiber finishes, coating, resins, metal soap, paper industry.

LEGEND:

A.V = Acid Value (MGKOH/G)

S.V = Saponification Value (MGKOH/G)

I.V = Iodine Value (GI2/100G)

FRACTIONATED FATTY ACIDS

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR (Lovibond)	C8	C10	C12	C14	C16	C18	C20
ACITEM 899	388	0,1	-	389	20 (APHA)	99,6	-	-	-	-	-	-
ACITEM 810	363	0,3	-	364	Y2,5 R0,6 (5" 1/4)	56,4	39	0,6	-	-	-	-
ACITEM 1098	324	0,1	-	325	Y1,4 R0,3 (5" 1/4)	-	99	-	-	-	-	-
ACITEM 1299	281	0,1	43	280	Y0,6 R0,1 (5" 1/4)	-	0,4	99,4	0,2	-	-	-
ACITEM 1499	246	0,2	53,5	246	Y0,7 R0,1 (5" 1/4)	-	-	0,3	99,3	0,4	-	-
ACITEM 1698	219	0,15	62	220	Y0,8 R0,1 (5" 1/4)	-	-	-	0,3	99,1	0,6	-

Applications: Raw material for lubricants, additive for synthetic oils, chemical intermediates, rust and corrosion inhibitors, lubricants and process agents for textile and additive for aluminum foil rolling, synthesis, surface finishing, flavor and fragrances, agriculture, paper, plastic, coating, resins, metal, Soap.

VEGETABLE FATTY ACIDS

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR	<C14	C16	C16'	C18	C18'	C18''	C18'''
ACITEM OV25	198	87,5	25	199	4 Max	0,3	14,8	1,2	3,5	67	9	0,7
ACITEM OV50	198	87,5	25	199	2 Max	-	14,8	1,2	3,5	67	9	0,7
ACITEM OV100	199	85	23	200	Y16 R0,8 (Lovibond 5" 1/4)	-	14,4	1,2	4	67	9	0,5

Applications: Coating, Resins, Detergents, Biodegradable stabilizer additive, Additive for lubricants and greases

VEGETABLE POLYUNSATURATED FATTY ACIDS

PRODUCT	A.V	I.V	TITER (°C)	S.V	COLOR	<C14	C16	C18	C18'	C18''	C18'''
ACITEM PO25	198	115	22	199	4 (Gardner)	-	-	-	-	-	-
ACITEM PO50	198	117	22	199	2 (Gardner)	-	11	4	35	45	3

Applications: Coating, Resins, Detergents, Biodegradable stabilizer additive, Additive for lubricants and greases

LEGEND:

A.V = Acid Value (MGKOH/G)

S.V = Saponification Value (MGKOH/G)

I.V = Iodine Value (GI2/100G)



products from renewable sources

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