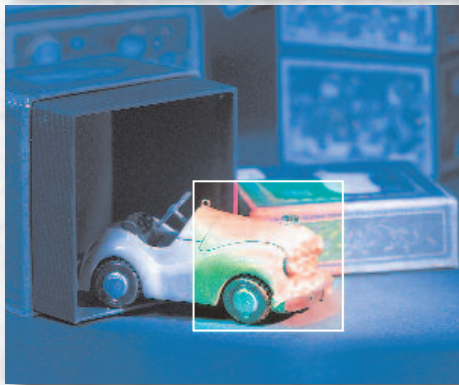
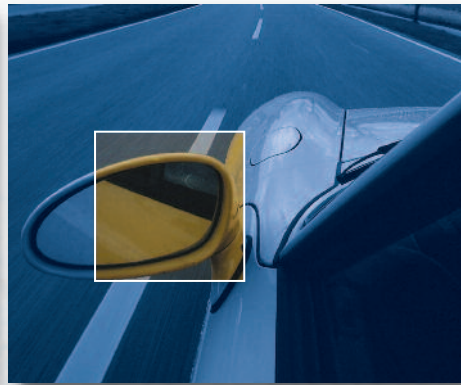


FACI S.p.A.

 **FACI**®  
GROUP











FACI.

Guaranteed Quality, Respect for the Environment



FACI Group is a global company which still retains its family owned status. This assures focus and commitment on cost competitiveness, prompt decisions, resiliency to economic cycles and allows flexibility in adapting a business model that follows the evolving market needs without compromising either quality or the fundamental values of sustainable business.







FACI Group has had deep roots in the bio based economy since its foundation. All FACI products and processes comply with the latest standards of sustainability and are sourced from renewable feedstock.





## Stearine

GRADE	TITRE	IODINE VALUE	ACID VALUE	SAP. VALUE	UNSAP. MATTER	COLOUR LOVIBOND 5" 1/4		TYPICAL COMPOSITION %				
	°C	glz/100g max	mgKOH/g	mgKOH/g	% max	R max	Y max	C14	C16	C18	C18-	C20
<b>D1</b>	57-60	1	202-206	203-210	0.2	0.5	2	3	31	64	1	1
<b>J1</b>	56-59	1	198-205	200-208	0.5	3	20	3	31	64	1	1
<b>G3</b>	56-58	3	197-206	200-208	0.5	8	40	3	31	62	3	1

## Oleine

GRADE	CLOUD POINT	IODINE VALUE	ACID VALUE	SAP. VALUE	UNSAP. MATTER	COLOUR LOVIBOND 5" 1/4		TYPICAL COMPOSITION %					
	°C max	glz/100g	mgKOH/g	mgKOH/g	% max	R max	Y max	C16	C16-	C18	C18-	C18=	
<b>S</b>	8	95-105	192-205	192-205	1.5	3	20	6	3	2	78	10	1

## Glycerine

GRADE	GLYCEROL	DENSITY 20°C	COLOUR	SULPHATED ASHES	ODOUR	CONFORMITY TO EUR. PH
	%	kg/l	Apha/Hazen max	% max		
<b>86.5 % Phar</b>	83.5-88.5	1.221-1.232	10	0.01	odourless	yes
<b>99.7 % Phar</b>	99.7 min	1.262 min	10	0.01	odourless	yes
<b>99.5 % Phar</b>	99.5 min	1.262 min	10	0.01	odourless	yes







The continuous desire and propensity for finding the best balance between quality, competitiveness and sustainability is the driver of our daily activities and has existed in the company's culture since its foundation.



### Calcium Stearate

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
<b>S</b>	150-160	9.2-10	1	3	0.1	200	1	-	Typical particle size
<b>S HD (High Density)</b>	150-160	9.2-10	1	3	0.1	400	-	-	High density grade
<b>SW</b>	150-160	9.2-10	1	3	0.1	200	-	1	Finer particle size
<b>BS</b>	165-175	10-11	0.5	3	0.1	200	1	-	Typical particle size, Higher oxide
<b>DW</b>	145-155	9.2-10.0	0.5	3	0.1	190	-	0.1	Finer particle size, Better thermal stability
<b>DW HD (High Density)</b>	145-155	9.2-10.0	0.5	3	0.1	400	-	-	High density grade
<b>WLC</b>	145-155	9.2-9.6	0.5	3	0.1	190	-	0.1	Finer particle size, Superior thermal stability
<b>SP</b>	145-160	9.2-10.0	1	3	0.1	500	non dusting microbeads		Non dusting
<b>PLC</b>	145-160	9.2-9.7	0.5	3	0.1	500	non dusting microbeads		Non dusting, Better thermal stability
<b>EPH</b>	145-160	9.0-9.9	-	4	0.1	200	1	-	Pharma grade



## Zinc Stearate

	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
GRADE	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
<b>N</b>	118-122	13.2-13.7	1	0.5	0.5	140	1	-	Precipitated grade
<b>TM</b>	118-122	13.5-14.2	1	1	0.1	300	0.5	-	Typical particle size
<b>TW</b>	118-122	13.5-14.2	1	1	0.1	300	-	1.0	Finer particle size
<b>TB</b>	118-122	14-17	1	1	0.1	300	0.5	-	Typical particle size, High oxide
<b>TMD</b>	118-122	13.5-14.2	1	1	0.1	300	0.5	-	Typical particle size
<b>SP</b>	118-122	12.5-14.2	1	1	0.1	500	non dusting microbeads		Non dusting
<b>EPH</b>	118-122	12.5-14.0	-	1	0.1	300	0.5	-	Pharma grade

## Magnesium Stearate

	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
GRADE	°C	%	% max	% max	% max	g/l	200 mesh	
<b>S</b>	130-145	7.2-8.0	1.5	4	0.2	160	2	Typical particle size
<b>SP</b>	140-160	7.2-8.0	1.5	4	0.2	500	non dusting microbeads	
<b>EPH</b>	130-145	6.65-8.3	-	4	0.1	160	1	Pharma grade

## Calcium-Zinc Stearate

	MELTING POINT	ASHES	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
GRADE	°C	%	% max	% max	% max	g/l	200 mesh	
<b>40 S</b>	110-130	11.0-13.0	2	2	0.1	230	5	Typical particle size
<b>50 S</b>	110-120	11.4-12.2	2	2	0.1	230	5	Typical particle size
<b>50 SP</b>	110-120	11.4-13	1	2	0.1	500	non dusting microbeads	
<b>60 S</b>	-	10.6-12.8	2	2	0.1	-	5	Typical particle size
<b>SP Y19A</b>	-	9.2-9.7	-	3	-	-	non dusting microbeads	

All grades are also available with a vegetable base





The keys of our success are continuous technical development, close attention to the quality standards of our chemicals and their production process, an open-minded approach to local and international markets, a close cooperation with our customers and adhering to a long-term business view which goes beyond a generation.





## Sodium Stearate

	MELTING POINT	SULPHATED ASHES	FREE FATTY ACIDS	MOISTURE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
GRADE	°C	%	%	% max	g/l	100 mesh	
S	210-220	22-23.5	2 max	2	230	0.5	Typical particle size
FU	210-220	22-23.5	0.3-1.2	2	230	0.5	Cosmetic grade
VFU	210-220	22-23.5	0.3-1.2	2	230	1	Cosmetic vegetable grade
FU Y Vegetable	210-220	-	0.2-1.3	3	230	0.5	High C20/C22, special gelling agent for deodorant stick application
Vegetable 35/65	210-220	22-24.5	2 max	2	230	0.5	Vegetable Tallow like
SP	210-220	22-23.5	2 max	2	350	non dusting microbeads	Non dusting
SP FU Y Vegetable	210-220	-	0.2-1.3	3	350	non dusting microbeads	Non dusting, high C20/C22, special gelling agent for deodorant stick application
EPH	210-220	22.8-26.2	0.85-1.2	2	230	0.5	Pharma grade

## Liquid Stearate Dispersions

	DRY CONTENT	pH	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
GRADE	%	pH	g/l	325 mesh	
Fluocast	49-51	10-13	1030	0.1	Standard grade
Fluocast EX	44-47	10-13	1000	1.5	Low Chloride and Surfactants %
Fluozinc 40	39-41	5.5-7	1040	0.5	Standard grade
Fluozinc 45	44-47	5.5-7	1040	0.5	Standard grade
Fluowax	46.5-48.5	9-11	1000	0.1	Added with waxes

## Sodium Oleate

	MELTING POINT	SULPHATED ASHES	SODIUM CONTENT	FREE HYDROXIDE	MOISTURE	TYPICAL BULK DENSITY	PHYSICAL FORM	Description
GRADE	°C	%	%	(as Na <sub>2</sub> O) % max	% max	g/l		
S	200-210	22.5-24	7.2-7.8	0.4	4	340	powder	Reactive hydrophobic agent
S90	200-210	22.5-24	7.2-7.8	0.4	4	340	powder	Reactive hydrophobic agent
SP	200-210	22.5-24	7.2-7.8	0.4	4	350	non dusting microbeads	Reactive hydrophobic agent

## Blends for the Building Industry

	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	IODINE VALUE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
GRADE	°C	%	% max	% max	gl/100g	g/l	100 mesh	
Canastol	180-190	4.5-5.3	3	3	25-45	220	1	Reactive & non Reactive hydrophobic agent
Zinastol	-	6.2-7.0	1	2	25-45	250	2	Reactive & non Reactive hydrophobic agent
Edilmag	-	6-7	3	4	15-30	200	5	Reactive & non Reactive hydrophobic agent
Edilstol 2430	-	2.5-3.3	3	3	40-60	220	1	Reactive & non Reactive hydrophobic agent
Edilstol 7C	-	3.5-4.7	1	4	1 max	230	1	Reactive & non Reactive hydrophobic agent high performance at low %

All grades are also available with a vegetable base





FACI is a global Group of Companies, active in the production and marketing of bio based (oleo) chemical additives since 1943.



### Aluminum Stearate

GRADE	MELTING POINT	ASHES	FREE FATTY ACIDS	MOISTURE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	%	% max	g/l	200 mesh	100 mesh	
<b>M-132 HG</b>	160-170	10.5-12.5	5.8 max	1	270	-	10	High gel viscosity (DI)
<b>M-132 PF</b>	158-165	9.2-9.8	8 max	1	250	-	10	Vegetal based, low ash content (DI)
<b>M-136</b>	120-140	8.0-10.0	10-15	2	300	-	5	Reactive & non Reactive hydrophobic agent

### Others

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	IODINE VALUE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	gl/100g max	g/l	100 mesh	200 mesh	
<b>Calcium Laurate</b>	110-130***	11.8-13.3	1	3	1	160	-	1	Typical particle size
<b>Magnesium Myristate</b>	132-138	8.2-8.9	3	6	1	150	-	2	Typical particle size
<b>Potassium Stearate</b>	215 min	12.1-13.2*	1****	5.0	2	300	<30 (60 mesh)		Typical particle size
<b>Zinc Laurate</b>	125-135	17-19	2	1	1	220	5 max (325 mesh)		Typical particle size

\* metal content  
 \*\* sulphated ashes  
 \*\*\* softening point  
 \*\*\*\* free Alkalinity % (as Na2O)

GRADE	ACID VALUE FATTY ACIDS	FREE ALCALINITY	FREE FATTY ACIDS	MOISTURE	IODINE VALUE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX	Description
	mgKOH/g	% max	% max	% max	gl/100g max	g/l	60 mesh	
<b>Potassium Myristate</b>	243-248	2	-	5	1	-	30	Typical particle size

All grades are also available with a vegetable base







## Mono, Di and Triglycerides

GRADE	MONO GLYCERIDE	FREE GLYCEROL	ACID VALUE	IODINE	MELTING POINT	SOAPS	COLOUR LOVIBOND 5" 1/4		Description
	%	% max	mgKOH/g max	gl <sub>2</sub> /100g max	°C	%	R max	Y max	
<b>GMS</b>	40 min	2	2	2	57-62	-	3	15	Low mono glyceride grade
<b>GMS EPH</b>	40-55	6	3	3	54-64	-	6	40	Pharma grade
<b>GMS 55</b>	55 min	2	3	1	59-65	-	3	15	Medium mono glyceride grade
<b>GMS 60</b>	60 min	2	3	1	60-66	-	3	15	Medium mono glyceride grade
<b>GMS 90</b>	90 min	1	3	1	65-70	-	2	10	High mono glyceride grade
<b>GMS 95</b>	95 min	1	3	1	65-70	-	2	10	High mono glyceride grade
<b>GMS SE</b>	40 min	2	2	2	56-60	4-6	3	15	Self emulsifying
<b>GMSE EPH</b>	40-55	6	3	3	54-64	4-6	6	40	Self emulsifying Pharma grade
<b>GMO/C</b>	48-60	2	2	100-130	-	-	20	80	Medium mono glyceride grade from Vegetable Oils
<b>GMO/O</b>	48-60	2	2	70-90	-	-	15	80	Medium mono glyceride grade from Oleic Acid
<b>GMO 90 HO</b>	90 min	2	3	60-75	-	-	4	20	Medium mono glyceride grade from High Oleic %
<b>GDS</b>	15-25	2	2	2	-	-	5	30	Low mono glyceride di stearate
<b>GDO</b>	30 max	3	4	110-130	-	-	2*	15*	Diglyceride from Oleic Acid
<b>GTS</b>	-	-	2	1	54-64	-	3.5	20	Full Hydrogenated triglyceride
<b>GTS Micronized</b>	-	-	5	1	56-64	-	-	-	Full Hydrogenated triglyceride micronized
<b>GTO</b>	12 max	0.05	2	86-94	-	-	5	10	Triglyceride from Oleic Acid

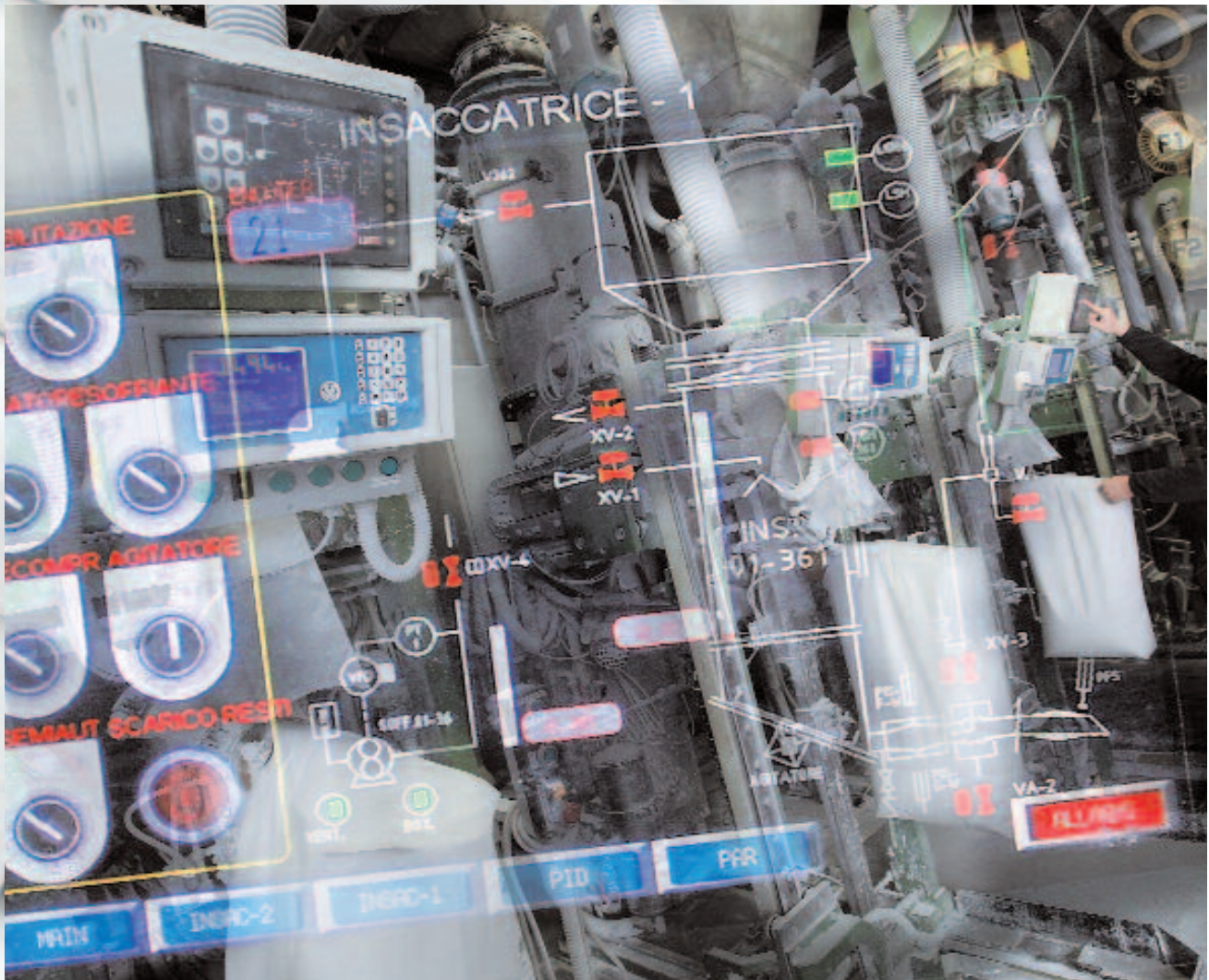
\*LOVIBOND 1\* cell

**All grades are also available with a vegetable base**

Product available liquid in tanks or in non dusting form: microbeads and pastilles







## Pentaerythritol Esters

GRADE	MELTING POINT	IODINE VALUE	ACID VALUE	SAP. VALUE	HYDROXYL VALUE	COLOUR LOVIBOND 5" 1/4		ASPECT	Description
	°C	gl <sub>2</sub> /100g max	mgKOH/g max	mgKOH/g	mgKOH/g	R max	Y max		
Monostearate	50-54	1	2	167-178	160-180	4	25	microbeads or flakes	
Distearate	48-52	1	2	175-185	105-135	4	25	microbeads or flakes	
Tristearate	52-56	1	5	185-195	55-65	4	25	microbeads or flakes	
Tetrestearate	60-65	1	5	188-200	35 max	4	25	microbeads or flakes	Standard grade
Tetrestearate S	60-65	1	2	188-200	12 max	4	25	microbeads or flakes	Low HV
Tetrestearate HS	>60	1	1.5	190-197	25 max	4	25	microbeads or flakes	High Stability grade
Tetrestearate Y850	50-55	1	3	188-200	35 max	4	25	microbeads or flakes	Customized grade

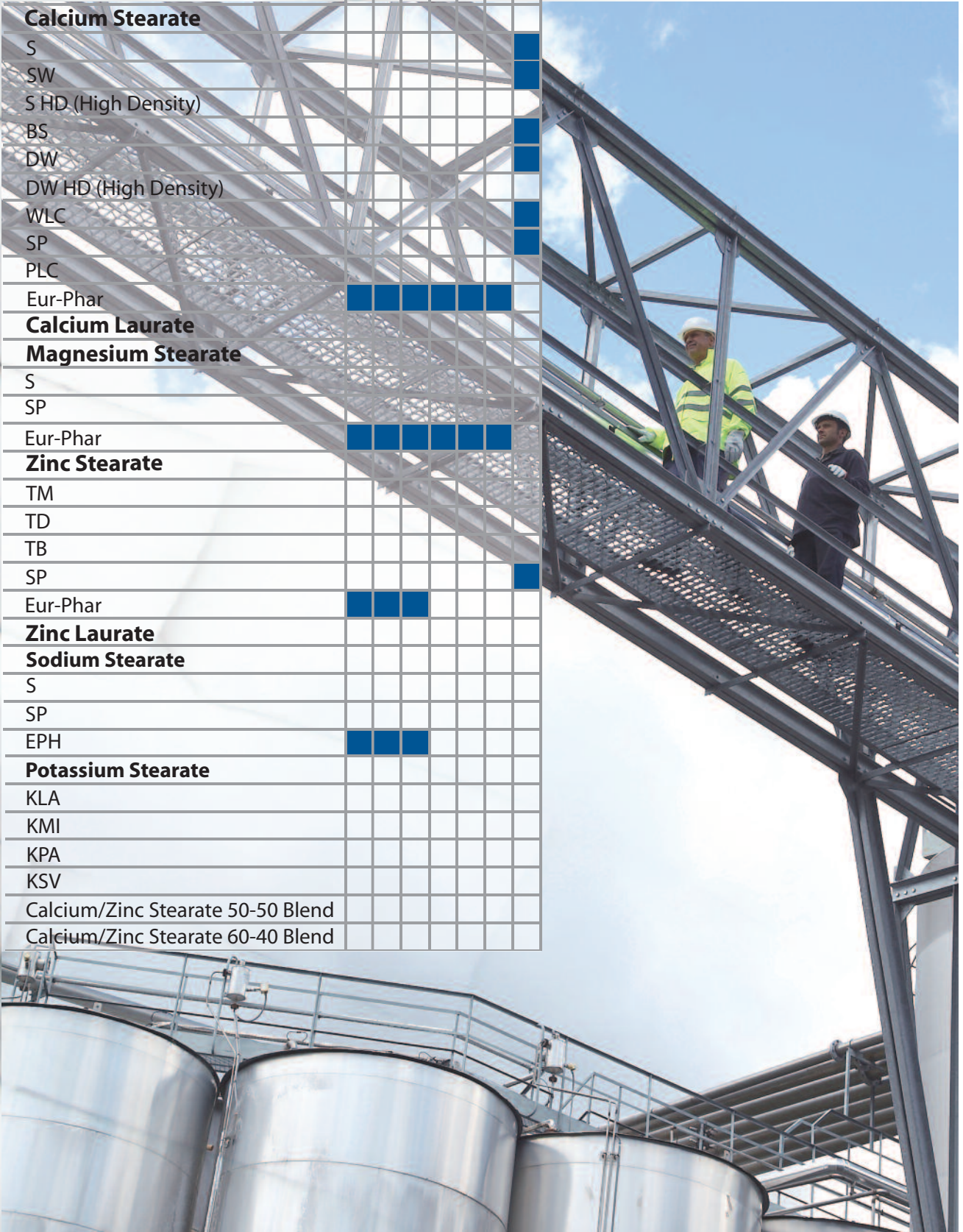
**All grades are also available with a vegetable base**

Product available in non dusting form: microbeads, flakes, pastilles and molten



## Regulations

	USP	NF	EP	JP	CHP	FCC	JHOSPA
<b>Calcium Stearate</b>							
S							■
SW							■
S HD (High Density)							■
BS							■
DW							■
DW HD (High Density)							■
WLC							■
SP							■
PLC							■
Eur-Phar	■	■	■	■	■	■	■
<b>Calcium Laurate</b>							
<b>Magnesium Stearate</b>							
S							
SP							
Eur-Phar	■	■	■	■	■	■	■
<b>Zinc Stearate</b>							
TM							
TD							
TB							
SP							■
Eur-Phar	■	■	■	■	■	■	■
<b>Zinc Laurate</b>							
<b>Sodium Stearate</b>							
S							
SP							
EPH	■	■	■	■	■	■	■
<b>Potassium Stearate</b>							
KLA							
KMI							
KPA							
KSV							
Calcium/Zinc Stearate 50-50 Blend							
Calcium/Zinc Stearate 60-40 Blend							





## Regulations

	USP	NF	EP	JP	FCC	JHOSPA
<b>Mono, Di and Triglycerides</b>						
GMS 40						
GMSV 40						
GMS 90						
GMSV 90						
GMSE						
GMSVSE						
GMO						
GMO 90						
GMS 90GMS EPH Type I						
GMS 90GMS EPH Type II						
<b>Pentaerythritol Esters</b>						
PEDS						
PETS S						
PETS HS						
PEMS						
PETR						
PEDO						
PETS Y850						
<b>Ethylene Glycol Esters</b>						
EGDS						
EGDP						
MSEVEPH						
<b>Others</b>						
CET						
CETV						
<b>Stearates Liquid Dispersions</b>						
Floucast						
Fluozinc						

## FACI L series - Regulations

	JHOSPA	Food Contact Approved Reg. (EU) 10/2011
FACI L020		
FACI L090		
FACI L100		
FACI L101		
FACI L107		
FACI L1275		
FACI L200		
FACI L320		
FACI L340		
FACI L341		
FACI L342		
FACI L440		
FACI L441		
FACI L450		
FACI L520		
FACI L610		
FACI L611		
FACI L616		
FACI L620		
FACI L626		
FACI L650		
FACI L660		
FACI L710		
FACI L711		
FACI L716		
FACI L750		
FACI L751		
FACI L801		
FACI L804		
FACI L805		
FACI L8970		
FACI L8YD		
FACI L3YC		
FACI L3YD		
FACI L900		



## Epoxidized Soya-bean Oil - Epoxidized Esters

	OXIRANE VALUE	IODINE VALUE	ACID VALUE	MOISTURE	BROOKFIELD VISCOSITY	COLOUR LOVIBOND 5" 1/4		Description
GRADE	gO <sub>2</sub> /100g	gI <sub>2</sub> /100g max	mgKOH/g max	% max	cPs	R max	Y max	
Epoxol D65	6.3-8	3	0.5	0.5	350-600	2	10	Standard grade
Epoxol D65S	6.3-8	2.5	0.4	0.5	350-600	2	10	Deodorized grade
Epoxol D44	4.0 min	5	1	0.5	-	2	20	Specific for low Temperature

## Lubricants (for PVC applications)

Product*	Chemical Composition	Lubricant Effect in PVC				PVC Transparent Articles	Physical Form	Food Contact Approval by EU Law	
		Internal		External					
L020	Fatty Acids						•	Solid	•
L090	Solid Fatty Acids Ester of Polyol						•	Solid	•
L100	Fatty Acids Ester of Polyol						•	Solid	•
L101	Fatty Acids Ester of Polyol from vegetable sources						•	Solid	•
L107	Fatty Acids Ester of Polyol from vegetable sources						•	Solid	•
L1275	Fatty Acids Ester of Polyol (Internal and External Lubricant)							Solid	•
L200	Fatty Acids Ester of Polyol							Solid	•
L320	Fatty Acids Ester of Polyol						•	Solid	•
L450	Liquid Fatty Acids Ester						•	Liquid	•
L520	Linear Solid Fatty Acids Ester							Solid	•
L610	Fatty Acid Ester of Polyol						•	Solid	•
L611	Fatty Acids Ester of Polyol from vegetable sources						•	Solid	•
L616	Fatty Acids Ester of Polyol from vegetable sources						•	Liquid	•
L626	Fatty Acids Ester of Polyol from vegetable sources						•	Liquid	•
L650	Fatty Acids Ester of Polyol						•	Solid	•
L660	Fatty Acids Ester of Polyol						•	Solid	•
L710	Fatty Acids Ester of Polyol with strong antistatic effect						•	Solid	•
L711	Fatty Acids Ester of Polyol from vegetable sources with strong antistatic effect						•	Solid	•
L801	Complex Ester						•	Solid	•
L804	Complex Ester						•	Liquid	•
L805	Complex Ester						•	Liquid	•
L8970	Complex Esters						•	Solid	•
L8YD	Complex Ester containing metal soap						•	Solid	•

\* Other products are available, for the full FACIL product list please refer to a FACIL representative or to L series brochures

## Products for P-PVC film processing

	ACID VALUE	SAP. VALUE	CLOUD POINT	CLOUD POINT IN BDG
<b>AF10</b>	mgKOH/g	mgKOH/g	°C	°C
Antifog System	≤1.0	125-140	<0	38-42

	CALCIUM	ZINC	VISCOSITY 25°C	ASH
<b>X8A</b>	%	%	cPs	%
Ca/Zn Stabiliser paste	1.1-1.4	1.0-1.3	≤3200	2.9-3.5

	ACID VALUE	SAP. VALUE	REFRACTIVE INDEX	CLOUD POINT	WATER CONTENT	COLOUR LOVIBOND 1"	
<b>L805</b>	mgKOH/g	mgKOH/g	mgKOH/g	°C	% max	R max	Y max
Release Agent	12	258-272	1.474-1.479	≤-10	0.20	4	30

	MELTING POINT	ASHES	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX
<b>Ca/Zn Stearate 40 S</b>	°C	%	% max	% max	% max	g/l	200 mesh
Ca/Zn Stabiliser	110-130	11.0-13.0	2	2	0.1	230	5

	MELTING POINT	ASHES	FREE FATTY ACIDS	MOISTURE	SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX
<b>Calcium Stearate SP Y19A</b>	°C	%	% max	% max	% max	g/l	200 mesh
Ca/Zn Stabiliser	-	9.2-9.7	-	3	-	-	non dusting microbead



## Ethylene Glycol Esters

	MELTING POINT	IODINE VALUE	ACID VALUE	SAP. VALUE	HYDROXYL VALUE	COLOUR LOVIBOND 5" 1/4	
GRADE	°C	gl/100g max	mgKOH/g max	mgKOH/g	mgKOH/g	R max	Y max
Ethylene Glycol Monostearate	58-64	2	3	180-190	75-110	3	20
Ethylene Glycol Distearate	67.5-70.5	0.75	3	190-200	10	3	20

All grades are also available with a vegetable base - Product available liquid in tanks or in non dusting form: microbeads and pastilles

## Ethylene Bis-Stearamide

	MELTING POINT	ACID VALUE	AMINE VALUE	TYPICAL BULK DENSITY	COLOUR LOVIBOND 5" 1/4		SIEVE RESIDUE % MAX		Description
GRADE	°C	mgKOH/g	mgKOH/g max	g/l	R max	Y max	100 mesh	325 mesh	
SP	140-145	≤8	2	500	5	25	non dusting microbeads		Standard grade
SP/A	140-145	14-18	1	500	5	25	non dusting microbeads		High Acidity grade
SP/B	142-145	≤6.5	1.5	500	4	25	non dusting microbeads		Low Amine grade
SP/E	140-145	≤5	4	500	5	25	non dusting microbeads		Standard grade
SP/T	140-145	≤8	2	500	5	25	pastilles		Standard grade
N	140-145	≤8	2	350	5	25	0.5	-	Standard grade
W	140-145	≤8	2	300	5	25	-	1	Special grade to powder metallurgy
WH	140-145	5-8	2	300	5	25	≤0.05 (180µm)		Special grade to powder metallurgy

Product available liquid in tanks or in non dusting form: microbeads and pastilles

## Other Esters

	MELTING POINT	IODINE VALUE	ACID VALUE	SAP. VALUE	COLOUR LOVIBOND 5" 1/4	
GRADE	°C	gl/100g max	mgKOH/g max	mgKOH/g	R max	Y max
Stearyl-Cetyl-Stearate	51-56	1	1.5	102-110	3	15
Ethyl Hexyl Stearate	5 max**	1	0.2	144-152	30 APHA max	
Ethyl Hexyl Palmitate	0 max**	1	0.2	150-155	20 APHA max	
Ethyl Hexyl Oleate	0 max**	58-72	1	145-165	6 Gardner max	
Ethyl Hexyl Laurate	-	1	0.5	117-182	100 APHA max	
Ethyl Hexyl Cocoate	-	10	1.0	165-185	50 APHA max	
DiOctyl Adipate	-	-	0.2	298-306	40 APHA max	
DiOctyl Sebacate	-	-	3	-	220 APHA max	
DiButyl Sebacate	-	-	0.3	-	100 APHA max	
n - Butyl Oleate	-	69-78	1.0	-	-	
n - Butyl Stearate	-	0.5	0.20	168-175	50 APHA max	
Trimethylolpropane Oleate	-	-	1.0	178-186	-	
Neopentyl Glycol Oleate	-	70-80	1.5	173-185	7 GARDNER max	

\*\* cloud point - \* 1" cell





## Other products available from the FACI Group

With its seven manufacturing locations (four in Europe, two in the Far East and one in USA), FACI Group is a main supplier of non-toxic stearates, esters, oleochemicals and additives to a multitude of companies operating in different industries around the world. Our main chemistry has been traditionally focused on products derived from stearic acid, both of animal and vegetable origin. While this business continues to be the core activity of our Group, the acquisition of existing production units in Europe and the USA has considerably increased the portfolio of both our chemicals and our customers.

Our growth has always been driven by a forward-thinking attitude, backed up by a strong technical, marketing and development ethos which is associated with a close cooperation with our customers

Products availability:

**FACI S.p.A.** - Carasco - Italy

Fatty acid, glycerine and their derivatives, metallic soaps and their dispersions, esters, stearamides and epoxydized soya bean oil. Stearic acid and derivatives available on both animal and vegetable basis.

**FACI METALEST, S.L.U.** - Zaragoza - Spain

Fatty acid derivatives, metallic soaps, their dispersions and liquid fatty acids esters.

**FACI Asia Pacific Pte Ltd** - Jurong Island - Singapore

Fatty acid derivatives predominantly metallic soaps and their dispersions, fatty acids esters.

**FACI Chemicals (Zhangjiagang) Co., Ltd** - Jiangsu Province - PRC

Fatty acid derivatives predominantly metallic soaps and esters.

**FACI UK Chemicals Ltd** - Knowsley - UK

Fatty acid derivatives predominantly metallic soaps.

**eChem Ltd** - Leeds - UK

Fatty acid derivatives, metallic soaps dispersions and esters.

**FACI USA INDUSTRIAL, INC.** - Lufkin TX - USA

Fatty acid derivatives predominantly metallic soaps dispersions.



## Applications



PRODUCT	PVC	STABILISERS	POLYOLEFINS PE	POLYOLEFINS PP-LLDPE	POLYCARBONATE	ABS	PC-ABS BLEND	POLYSTYRENE	POLYAMIDE	POLYESTERS SMC-BMC	OTHER PLASTICS	RUBBER	PAPER	ABRASIVES	BUILDING	COSMETIC	PHARMACEUTICAL	FOOD AND FEED	ADHESIVES	MINERAL COATING	PAINTS	FIRE-FIGHTING	METALLURGY	DETERGENT	LUBRICANTS
Stearic Acid																									
Oleic Acid																									
Glycerine																									
Aluminum Stearate																									
Calcium Stearate DW-DW HD-WLC																									
Calcium Stearate S - S HD																									
Calcium Stearate SP																									
Magnesium Stearate																									
Sodium Stearate																									
Zinc Stearate TM-TMD-TW-EPH																									
Zinc Stearate SP																									
Zinc Stearate N																									
Fluocast																									
Fluozinc																									
Fluowax																									
Sodium Oleate																									
Canastol																									
Edistol																									
Lithium Stearate																									
Potassium Stearate																									
Potassium Myristate																									
Magnesium Myristate																									
Calcium Laurate Zinc Laurate																									
Calcium 12 H St. - Zinc 12 H Stearate																									
Glycerilmonostearate (GMS)																									
GMS/SE																									
Glycerildistearate (GDS)																									
Glycerilmonooleate (GMO)																									
Pentaerythritol Esters																									
Ethyleneglycoldistearate (EGDS)																									
Ethyleneglycolmonostearate (EGMS)																									
Cetyl Stearate																									
EBS SP-N																									
EBS W-WH																									
Epoxol																									

The information contained in this publication is based on the present state of our knowledge and experience, given without obligation.

The product properties given in the publication are not specifications.

Our technical advice and recommendations, whether verbal, in writing, or by way of trials, are given for information purposes without commitment. The customer is strongly advised, due to the many outside influences which may affect the product use and application, to carry out his or her own testing and trials.



- Corporate Headquarters
- Production sites
- Commercial offices

FACI USA INDUSTRIAL, INC.  
Texas

**USA**

FACI USA, LLC  
Texas

**USA**

eChem Ltd  
Leeds

**UK**

FACI UK CHEMICALS Ltd  
Merseyside

**UK**

FACI METALEST, S.L.U.  
Zaragoza

**Spain**

Paris

**France**

AMBROGIO PAGANI  
Bergamo

**Italy**

**Italy**

FACI S.p.A.  
Carasco - GE

**Italy**

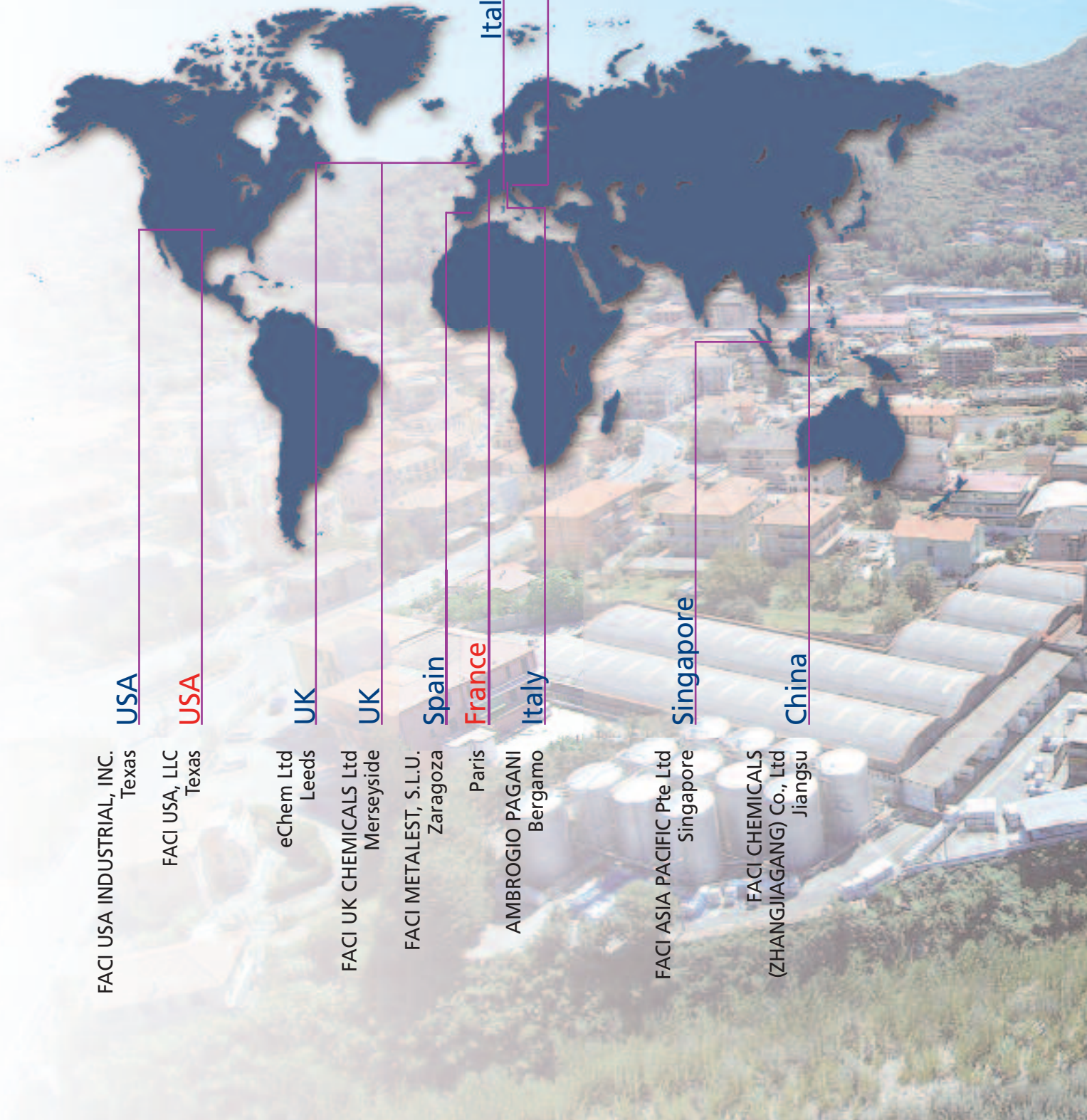
FACI Corporate  
Carasco - GE

FACI ASIA PACIFIC Pte Ltd  
Singapore

**Singapore**

FACI CHEMICALS  
(ZHANGJIANG) Co., Ltd  
Jiangsu

**China**







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With seven fully owned manufacturing units:

- Carasco (Italy)
- Zaragoza (Spain)
- Knowsley (UK)
- Leeds (UK)
- Jurong Island (Singapore)
- Zhangjiagang (China)
- Lufkin (USA)

The FACI Group today is a leading supplier of

- Non toxic metallic soaps and dispersions
- Fatty esters and a wide range of oleochemicals derived additives

To a large variety of industries WORLD WIDE

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