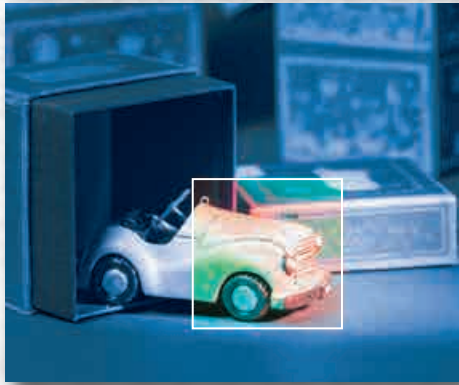
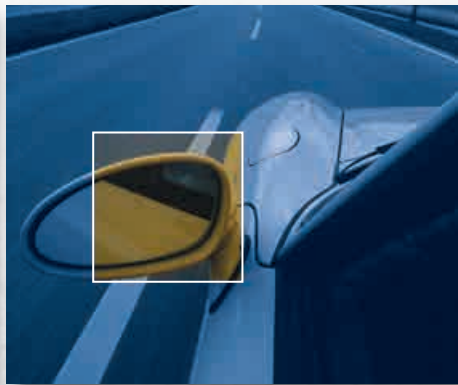


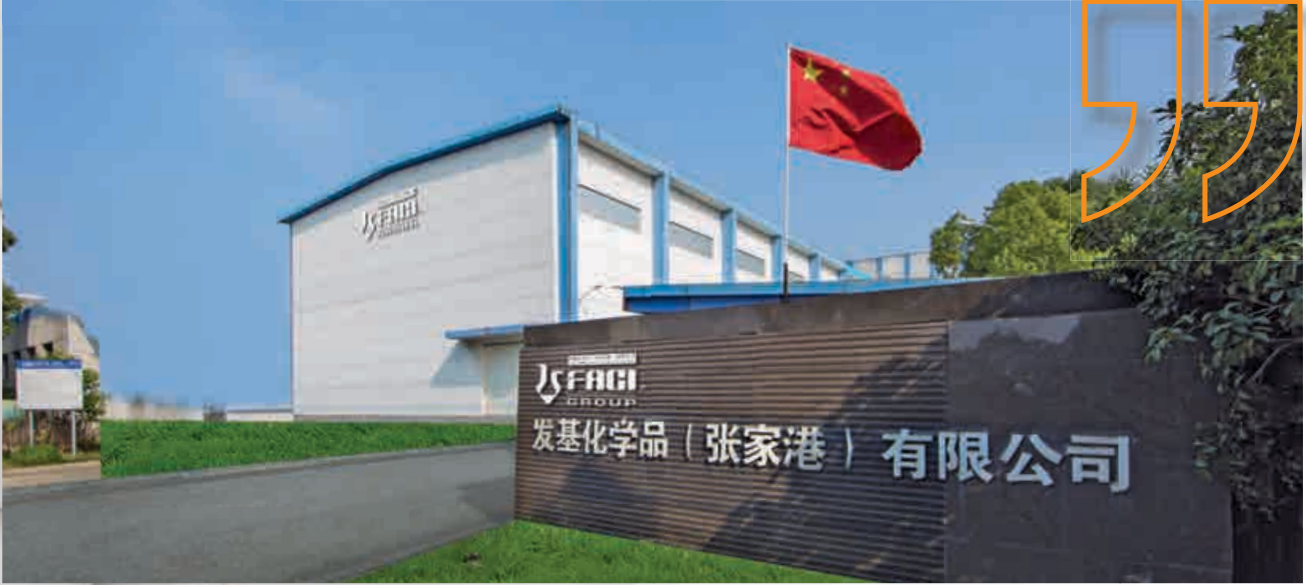
发基化学品（张家港）有限公司  
FACI CHEMICALS (ZHANGJIAGANG) CO., LTD







# 发基 品质保证 尊重环境



发基集团是一家全球性公司，至今保持着家族企业的性质，这使得其能够确保成本竞争力，快速决策能力，灵活适应经济周期，并能在不降低产品质量和可持续业务发展的根本价值的前提下发展出灵活紧跟市场需求的业务新模式。

## 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.



## 硬脂酸钙

级别	熔点	氧化物	游离脂肪酸	含水量	可溶性盐	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	% max	g/l	200 目	325 目	
<b>S</b>	150-160	9.2-10.0	1	3	-	≤260	1	-	
<b>SW</b>	150-160	9.2-10.0	1	3	-	≤260	-	1	
<b>BW</b>	155-175	10.0-11.0	0.5	3	-	≤260	-	1	
<b>DW</b>	145-155	9.2-10.0	0.5	3	-	≤230	-	0.1	
<b>WLC</b>	145-155	9.2-9.8	0.5	3	0.1	≤230	-	0.1	
<b>SLC</b>	145-155	9.2-9.8	0.5	2	-	≤260	1	-	

## 硬脂酸锌

级别	熔点	氧化物	游离脂肪酸	含水量	可溶性盐	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	% max	g/l	200 目	325 目	
<b>TM</b>	118-122	13.5-14.2	1	1	-	260-360	0.5	-	
<b>TMD</b>	118-122	13.5-14.2	1	1	-	260-360	0.5	-	
<b>TW</b>	118-122	13.5-14.2	1	1	-	260-360	-	1	粒度 更细
<b>SP</b>	118-122	13.5-14.2	1	1	-	450-600	-	-	无尘
<b>SPT</b>	118-122	13.5-14.2	1	1	-	450-600	-	-	(类脂)



发基集团自创立以来，就一直扎根于以生物为基础的经济产业。所有发基产品选用可再生原料，工艺均符合可持续发展性方面的最新标准。

## Calcium Stearate

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	TYPICAL SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
<b>S</b>	150-160	9.2-10.0	1	3	-	≤260	1	-	
<b>SW</b>	150-160	9.2-10.0	1	3	-	≤260	-	1	
<b>BW</b>	155-175	10.0-11.0	0.5	3	-	≤260	-	1	
<b>DW</b>	145-155	9.2-10.0	0.5	3	-	≤230	-	0.1	
<b>WLC</b>	145-155	9.2-9.8	0.5	3	0.1	≤230	-	0.1	
<b>SLC</b>	145-155	9.2-9.8	0.5	2	-	≤260	1	-	

## Zinc Stearate

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	TYPICAL SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
<b>TM</b>	118-122	13.5-14.2	1	1	-	260-360	0.5	-	
<b>TMD</b>	118-122	13.5-14.2	1	1	-	260-360	0.5	-	
<b>TW</b>	118-122	13.5-14.2	1	1	-	260-360	-	1	Finer particle size
<b>SP</b>	118-122	13.5-14.2	1	1	-	450-600	-	-	Non dusting
<b>SPT</b>	118-122	13.5-14.2	1	1	-	450-600	-	-	Tallow like

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.





自公司成立以来，我们一直致力于提高产品质量，增加企业竞争力和企业可持续发展。这一追求是推进我们日常工作的动力源泉，也为公司文化建设提供了强大的精神动力。

### 硬脂酸镁

级别	熔点	氧化物	游离脂肪酸	含水量	可溶性盐	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	% max	g/l	200目	325目	
<b>S</b>	130-145	7.2-8.0	1.5	4	-	140-180	2	-	
<b>SW</b>	130-145	7.2-8.0	1.5	4	-	140-200	-	1	粒度 更细

### 季戊四醇四硬脂酸酯

级别	酸值	羟值	碘值	皂化值	罗维朋色度 5" 1/4		含水量	熔点	说明
	mgKOH/g	mgKOH/g	gl./100g	mgKOH/g	R max	Y max	% max	°C	
<b>PETS AP</b>	≤5	≤35	≤1	188-202	4	25	0.5	58-65	大颗粒状
<b>PETS AHS</b>	≤1.5	<25	≤1	188-202	4	25	0.3	-	大颗粒状

### 个人护理用品：水包油型乳化剂，用于洗发水中的珠光剂

级别	熔点	碘值	酸值	皂化值	羟值	罗维朋色度 5" 1/4		游离乙二醇	说明
	°C	gl./100g max	mgKOH/g max	mgKOH/g	mgKOH/g	R max	Y max	% max	
<b>EGDS AP</b>	60-70	0.75	3	195-215	≤15	3	20	0.1	
<b>EGDS AT</b>	-	0.75	3	190-200	≤10	3	20	0.1	(类脂)
<b>EGDS H</b>	58-64	3.0	3	190-206	18-35	-	-	0.5	高亲水亲油型乳化剂

产品可以是装在储罐中的液体或者无尘形态：微晶粒





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.

### Magnesium Stearate

	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	TYPICAL SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
GRADE	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
<b>S</b>	130-145	7.2-8.0	1.5	4	-	140-180	2	-	
<b>SW</b>	130-145	7.2-8.0	1.5	4	-	140-200	-	1	Finer particle size

### Pentaerythritol Tetrastearate

	ACID VALUE	HYDROXYL VALUE	IODINE VALUE	SAP. VALUE	COLOUR LOVIBOND 5" 1/4		MOISTURE	MELTING POINT	Description
GRADE	mgKOH/g	mgKOH/g	gl/100g	mgKOH/g	R max	Y max	% max	°C	
<b>PETS AP</b>	≤5	≤35	≤1	188-202	4	25	0.5	58-65	Pastilles
<b>PETS AHS</b>	≤1.5	<25	≤1	188-202	4	25	0.3	-	Pastilles

### Personal Care: oil in water emulsifier, pearling agent in shampoos

	MELTING POINT	IODINE VALUE	ACID VALUE	SAP. VALUE	HYDROXYL VALUE	COLOUR LOVIBOND 5" 1/4		ETHYLENEGLYCOL FREE	Description
GRADE	°C	gl/100g max	mgKOH/g max	mgKOH/g	mgKOH/g	R max	Y max	% max	
<b>EGDS AP</b>	60-70	0.75	3	195-215	≤15	3	20	0.1	
<b>EGDS AT</b>	-	0.75	3	190-200	≤10	3	20	0.1	Tallow like
<b>EGDS H</b>	58-64	3.0	3	190-206	18-35	-	-	0.5	High HLB (Type of emulsifier)

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





我们成功的秘诀在于坚持不懈的进行技术开发，及时掌握产品及生产工艺所适用的质量标准，积极开拓国内外市场，与客户紧密合作，坚持长久跨世纪的业务发展视野。

## 发基集团的其他产品

### 硬脂酸钙\*

级别	熔点	氧化物	游离脂肪酸	含水量	可溶性盐	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	% max	g/l	200 目	325 目	
SP	145-160	9.2-10.0	1	3	0.1	400-600	无尘微粒		无尘
PLC	145-160	9.2-10.0	0.5	3	0.1	400-600	无尘微粒		无尘，热稳定性较好
EPH	-	9.0-10.3	-	4	0.1	-	-	-	医药级
E	145-160	9.0-10.5	1.5	4	0.1	≤260	1	-	食品级
EW	145-160	9.0-10.5	1.5	4	0.1	≤260	-	1	食品级，粒度更细
S (High Density)	145-160	9.2-10.0	1	3	-	>400	-	-	高密度
DW (High Density)	145-155	9.2-10.0	0.5	3	-	>400	-	-	高密度

### 硬脂酸锌\*

级别	熔点	氧化物	游离脂肪酸	含水量	可溶性盐	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	% max	g/l	200 目	325 目	
SP	118-122	13.5-14.2	1	1	0.1	450-600	无尘微粒		无尘
EPH	-	12.5-14.0	-	-	0.1	260-360	0.5	-	医药级

### 硬脂酸镁\*

级别	熔点	氧化物	游离脂肪酸	含水量	堆密度	筛余物 % MAX		说明
	°C	%	% max	% max	g/l	200 目	325 目	
SP	140-160	7.2-8.0	-	4	400-600	无尘微粒		无尘级
EPH	-	6.65-8.3	-	4	-	-	-	医药级
E	-	6.8-8.3	2	4	-	-	-	食品级

\* 产品来源：FACI Asia Pacific Pte Ltd - 新加坡





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.

## Other products available from the FACI Group

### Calcium Stearate\*

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	TYPICAL SOLUBLE SALTS	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	% max	g/l	200 mesh	325 mesh	
SP	145-160	9.2-10.0	1	3	0.1	400-600	non dusting microbeads		Non dusting
PLC	145-160	9.2-10.0	0.5	3	0.1	400-600	non dusting microbeads		Non dusting, Better thermal stability
EPH	-	9.0-10.3	-	4	0.1	-	-	-	Pharma grade
E	145-160	9.0-10.5	1.5	4	0.1	≤260	1	-	Food grade
EW	145-160	9.0-10.5	1.5	4	0.1	≤260	-	1	Food grade Finer particle size
S (High Density)	145-160	9.2-10.0	1	3	-	>400	-	-	High Density
DW (High Density)	145-155	9.2-10.0	0.5	3	-	>400	-	-	High Density

### Zinc 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	
SP	118-122	13.5-14.2	1	1	0.1	450-600	non dusting microbeads		Non dusting
EPH	-	12.5-14.0	-	-	0.1	260-360	0.5	-	Pharma grade

### Magnesium Stearate\*

GRADE	MELTING POINT	OXIDE	FREE FATTY ACIDS	MOISTURE	TYPICAL BULK DENSITY	SIEVE RESIDUE % MAX		Description
	°C	%	% max	% max	g/l	200 mesh	325 mesh	
SP	140-160	7.2-8.0	-	4	400-600	non dusting microbeads		Non dusting grade
EPH	-	6.65-8.3	-	4	-	-	-	Pharma grade
E	-	6.8-8.3	2	4	-	-	-	Food grade

\* Product origin: FACI Asia Pacific Pte Ltd - Singapore



发基是一家全球化的集团公司，自**1943**年成立以来，就一直积极活跃在生物来源的化学添加剂的生产及市场营销领域。



### 法规

	Kosher	Halal	USP	NF	EP	CHP	JP	BP	FCC	E470a	E470b	NSF	JHOSPA
<b>硬脂酸钙</b>													
SP													
PLC													
Eur-Phar													
E													
EW													
<b>硬脂酸镁</b>													
SP													
Eur-Phar													
E													
<b>硬脂酸锌</b>													
SP													
Eur-Phar													

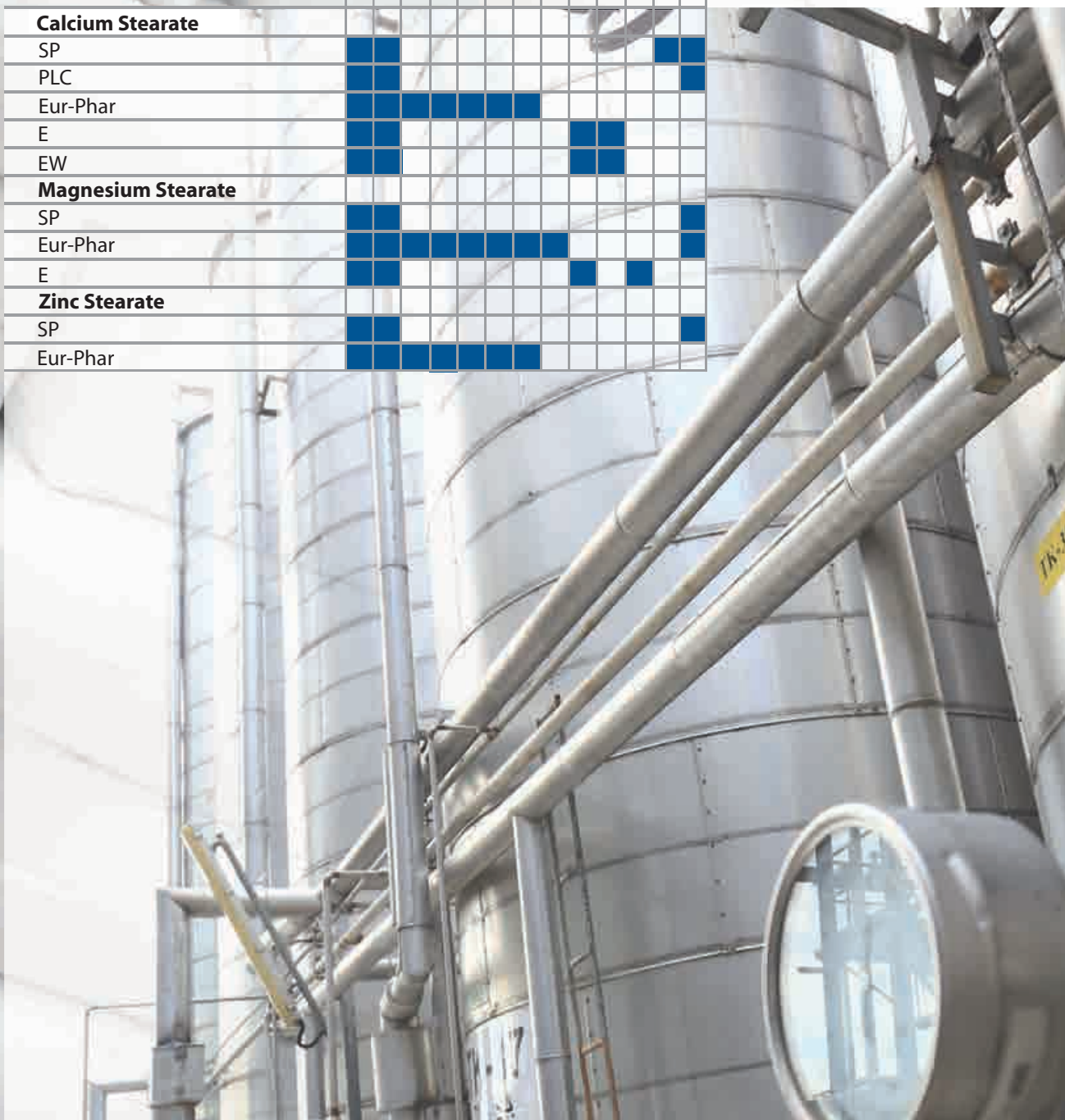


FACI is a global Group of Companies, active in the production and marketing of bio based (oleo) chemical additives since 1943.



## Regulations

	Kosher	Halal	USP	NF	EP	CHP	JP	BP	FCC	E470a	E470b	NSF	JHOSPA
<b>Calcium Stearate</b>													
SP	■	■										■	■
PLC	■	■											■
Eur-Phar	■	■	■	■	■	■	■	■					
E	■	■							■	■			
EW	■	■							■	■			
<b>Magnesium Stearate</b>													
SP	■	■											■
Eur-Phar	■	■	■	■	■	■	■	■					■
E	■	■							■		■		
<b>Zinc Stearate</b>													
SP	■	■											■
Eur-Phar	■	■	■	■	■	■	■	■					



## 甘油单酯，甘油双酯，甘油三酯\*

级别	甘油单酯	游离甘油	酸值	碘值	熔点	皂化值	罗维朋色度 5" 1/4		说明
	%	% max	mgKOH/g max	gl./100g max	°C	%	R max	Y max	
<b>GMS AP 40</b>	40 min	2	2	2	55-60	-	6	40	低单甘酯级别
<b>GMS AT 40</b>	40 min	2	2	2	57-62	-	6	40	低单甘酯级别 (类脂)
<b>GMS AP 50</b>	50 min	2	2	2	56-60	-	6	40	中单甘酯级别
<b>GMO AP</b>	-	3	2	70-90	-	-	15	80	油酸中单甘酯级别
<b>GMO E</b>	35-52	6	6	58-80	-	-	15	80	食品级别
<b>GDO AP</b>	-	3	2	78-100	-	-	15	80	油酸甘油二酯
<b>GMS AP/SE</b>	40 min	2	2	2	56-60	4-6	6	40	自乳化
<b>GMS AT/SE</b>	40 min	2	2	2	56-60	4-6	6	40	自乳化 (类脂)
<b>GMS E</b>	40 min	7	6	-	-	-	-	-	食品级别
<b>GMS SE E</b>	40 min	7	6	-	-	4-6	-	-	自乳化食品级别
<b>GMS EPH Type I</b>	-	6	3	3	-	-	6	40	医药级别
<b>GMS EPH Type II</b>	40-55	6	3	3	-	-	6	40	医药级别

微粒，薄片，颗粒，液态

## 塑料的润滑剂和添加剂\*

功能	产品*	化学成分	P-PVC	U-PVC	PE	PP	PS	PC	ABS	PC/ABS	PET/PBT	PA	PMMA
			润滑剂-防静电	L100	多元醇脂肪酸酯		■						
	L102	植物来源 (含脂成分) 的多元醇脂肪酸酯		■									
	L107	植物来源的多元醇脂肪酸酯		■									
	L201	植物来源的多元醇脂肪酸酯		■				■	■	■			
	L329	植物来源的多元醇脂肪酸酯		■							■		
	L349	植物来源的多元醇脂肪酸酯		■					■	■		■	
	L347	植物来源的多元醇脂肪酸酯		■					■	■		■	
	L348	植物来源的多元醇脂肪酸酯		■					■	■		■	
	L521	植物来源的线性固体脂肪酸酯		■		■			■	■			
	L522	植物来源 (含脂成分) 的线性固体脂肪酸酯		■		■			■	■			
	L611	植物来源的多元醇脂肪酸酯		■		■			■	■			
	L612	植物来源 (含脂成分) 的多元醇脂肪酸酯		■		■			■	■			
	L614	植物来源的多元醇脂肪酸酯	■				■						
	L626	植物来源的多元醇脂肪酸酯		■									
	L651	植物来源的多元醇脂肪酸酯		■		■							
	L711	植物来源的多元醇脂肪酸酯，防静电效果强		■		■							
	L751	植物来源的多元醇脂肪酸酯		■		■							

所有FACI产品都 REACH 注册或预注册

\* 其他产品都是可用的，所有FACI的L系列产品列表请向FACI代理人查询或查阅L系列宣传册

\* 产品来源：FACI Asia Pacific Pte Ltd - 新加坡

## Mono, Di and Triglycerides\*

GRADE	MONO GLYCERIDES	FREE GLYCEROL	ACID VALUE	IODINE VALUE	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 AP 40</b>	40 min	2	2	2	55-60	-	6	40	Low mono glyceride grade
<b>GMS AT 40</b>	40 min	2	2	2	57-62	-	6	40	Low mono glyceride grade tallow like
<b>GMS AP 50</b>	50 min	2	2	2	56-60	-	6	40	Medium mono glyceride grade
<b>GMO AP</b>	-	3	2	70-90	-	-	15	80	Medium mono glyceride grade from Oleic Acid
<b>GMO E</b>	35-52	6	6	58-80	-	-	15	80	Food Grade
<b>GDO AP</b>	-	3	2	78-100	-	-	15	80	Diglyceride from Oleic Acid
<b>GMS AP/SE</b>	40 min	2	2	2	56-60	4-6	6	40	Self emulsifying
<b>GMS AT/SE</b>	40 min	2	2	2	56-60	4-6	6	40	Self emulsifying Tallow like
<b>GMS E</b>	40 min	7	6	-	-	-	-	-	Food Grade
<b>GMS SE E</b>	40 min	7	6	-	-	4-6	-	-	Food grade Self emulsifying
<b>GMS EPH Type I</b>	-	6	3	3	-	-	6	40	Pharma grade
<b>GMS EPH Type II</b>	40-55	6	3	3	-	-	6	40	Pharma grade

Microbeads, flakes, pastilles and molten

## Lubricants and Additives for Plastic Applications\*

FUNCTION	Product*	Chemical Composition														
			P-PVC	U-PVC	PE	PP	PS	PC	ABS	PC/ABS	PET/PBT	PA	PMMA			
LUBRICANTS - ANTISTATICS	L100	Fatty Acids Ester of Polyol														
	L102	Fatty Acids Ester of Polyol from vegetable sources (with tallow composition)														
	L107	Fatty Acids Ester of Polyol from vegetable sources														
	L201	Fatty Acids Ester of Polyol from vegetable sources														
	L329	Fatty Acids Ester of Polyol from vegetable sources														
	L349	Fatty Acids Ester of Polyol from vegetable sources														
	L347	Fatty Acids Ester of Polyol from vegetable sources														
	L348	Fatty Acids Ester of Polyol from vegetable sources														
	L521	Linear Solid Fatty Acids Ester from vegetable sources														
	L522	Linear Solid Fatty Acids Ester from vegetable sources (with tallow composition)														
	L611	Fatty Acids Ester of Polyol from vegetable sources														
	L612	Fatty Acids Ester of Polyol from vegetable sources (with tallow composition)														
	L614	Fatty Acids Ester of Polyol from vegetable sources														
	L626	Fatty Acids Ester of Polyol from vegetable sources														
	L651	Fatty Acids Ester of Polyol from vegetable sources														
	L711	Fatty Acids Ester of Polyol from vegetable sources with strong antistatic effect														
	L751	Fatty Acids Ester of Polyol from vegetable sources														

ALL FACI products are REACH registered or preregistered

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

\* Product origin: FACI Asia Pacific Pte Ltd - Singapore

## 法规

	Kosher	Halal	USP	NF	EP	JP	FCC	E470	E471	JHOSPA
甘油单酯、甘油双酯、甘油三酯										
GMS AP40	■	■								
GMS AT40	■	■								
GMS AP50	■	■								
GMS AP/SE	■	■								
GMS AT/SE	■	■								
GMO AP	■	■								
GMO E	■	■					■	■		
GDO AP	■	■								
GMS E	■	■					■	■		
GMS SE E	■	■					■	■		
GMS EPH Type I	■	■	■	■	■	■	■	■	■	■
GMS EPH Type II	■	■	■	■	■	■	■	■	■	■

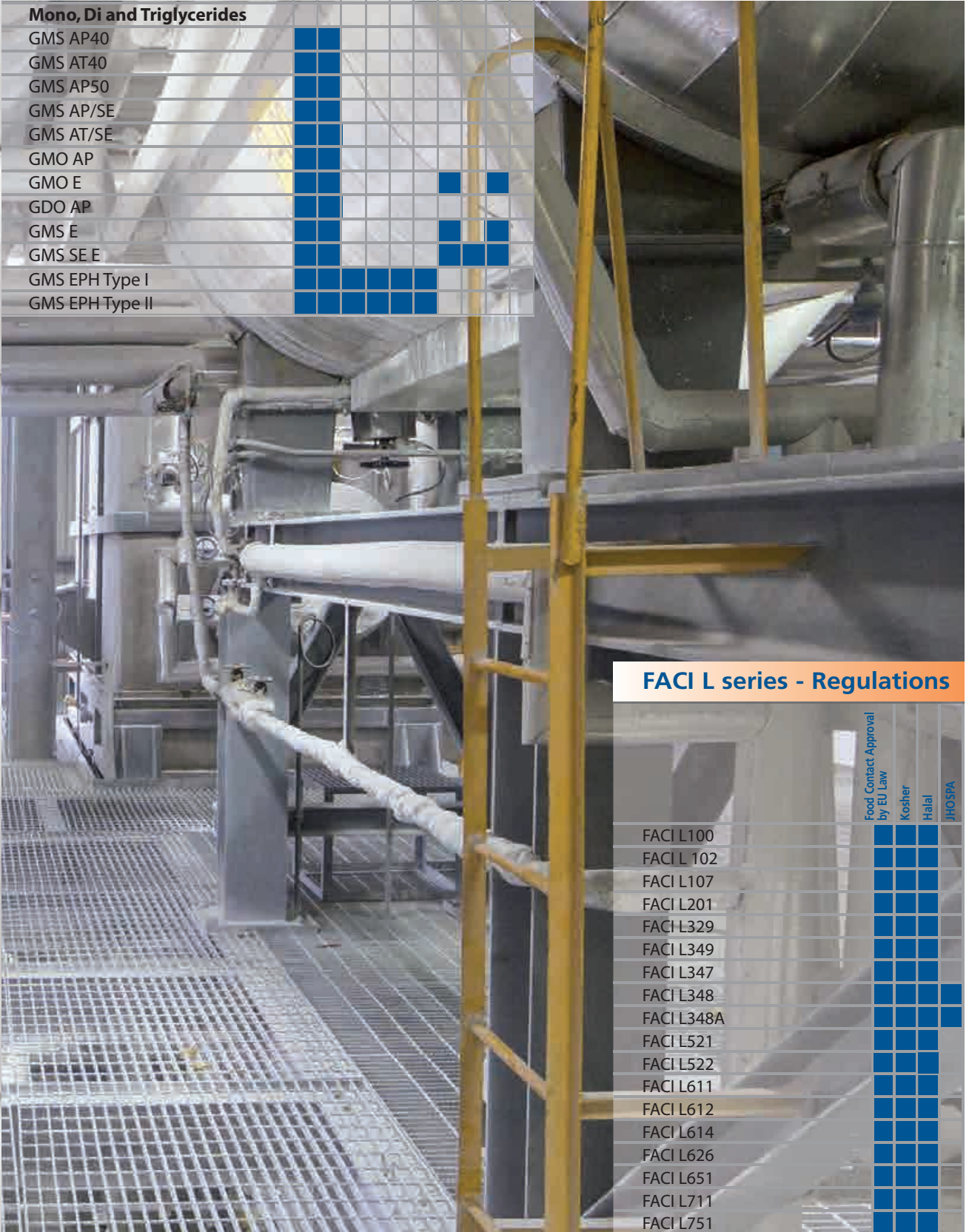


## 发基L系列 - 法规

	Food Contact Approval by EU Law	Kosher	Halal	JHOSPA
FACIL100	■	■	■	■
FACIL 102	■	■	■	■
FACIL107	■	■	■	■
FACIL201	■	■	■	■
FACIL329	■	■	■	■
FACIL349	■	■	■	■
FACIL347	■	■	■	■
FACIL348	■	■	■	■
FACIL348A	■	■	■	■
FACIL521	■	■	■	■
FACIL522	■	■	■	■
FACIL611	■	■	■	■
FACIL612	■	■	■	■
FACIL614	■	■	■	■
FACIL626	■	■	■	■
FACIL651	■	■	■	■
FACIL711	■	■	■	■
FACIL751	■	■	■	■

## Regulations

	Kosher	Halal	USP	NF	EP	JP	FCC	E470	E471	JHOSPA
<b>Mono, Di and Triglycerides</b>										
GMS AP40	■	■								
GMS AT40	■	■								
GMS AP50	■	■								
GMS AP/SE	■	■								
GMS AT/SE	■	■								
GMO AP	■	■								
GMO E	■	■					■		■	
GDO AP	■	■					■		■	
GMS E	■	■					■		■	
GMS SE E	■	■					■		■	
GMS EPH Type I	■	■	■	■	■	■				
GMS EPH Type II	■	■	■	■	■	■				



## FACI L series - Regulations

	Food Contact Approval by EU Law	Kosher	Halal	JHOSPA
FACI L100	■	■	■	
FACI L 102	■	■	■	
FACI L107	■	■	■	
FACI L201	■	■	■	
FACI L329	■	■	■	
FACI L349	■	■	■	
FACI L347	■	■	■	
FACI L348	■	■	■	
FACI L348A	■	■	■	■
FACI L521	■	■	■	
FACI L522	■	■	■	
FACI L611	■	■	■	
FACI L612	■	■	■	
FACI L614	■	■	■	
FACI L626	■	■	■	
FACI L651	■	■	■	
FACI L711	■	■	■	
FACI L751	■	■	■	

## 润滑剂 ( 应用于PVC制品 )\*

产品	化学成分	在PVC中的润滑效果		透明PVC制品	物质形态	欧盟法律关于食品接触的认可
		内部	外部			
L090	多元醇脂肪酸酯固体	■	■	●	固体	●
L801	复合酯	■	■	●	固体	●
L804	复合酯	■	■	●	液体	●
L805	复合酯	■	■	●	液体	●
L8970	复合酯	■	■	●	固体	●
L8YD	含金属皂类的复合酯	■	■	●	固体	●

\* 其他产品都是可用的，所有FACI的L系列产品列表请向FACI代理人查询或查阅L系列宣传手册

## 产品在 P-PVC 薄膜加工中的应用\*

	酸值	皂化值	浊点	在BDG中的浊点
AF10	mgKOH/g	mgKOH/g	°C	°C
防雾系统	≤1.0	125-140	<0	38-42

	钙	锌	黏度 25°C	灰分
X8A	%	%	cPs	%
钙/锌稳定剂	1.1-1.4	1.0-1.3	≤3200	2.9-3.5

	酸值	皂化值	折射率	浊点	水分	罗维朋色度 1"	
L805	mgKOH/g	mgKOH/g	mgKOH/g	°C	% max	R <sub>max</sub>	Y <sub>max</sub>
脱模剂	12	258-272	1.474-1.479	≤-10	0.20	4	30

	熔点	灰分	游离脂肪酸	水分	可溶性盐	堆密度	筛余物 % MAX
硬脂酸钙/锌 40 S	°C	%	% max	% max	% max	g/l	200 目
钙/锌稳定剂	110-130	11.0-13.0	2	2	0.1	230	5

	熔点	灰分	游离脂肪酸	水分	可溶性盐	堆密度	筛余物 % MAX
硬脂酸钙 SP Y19A	°C	%	% max	% max	% max	g/l	200 目
钙/锌稳定剂	-	9.2-9.7	-	3	-	-	无尘微粒

\* 产品来源：FACI SPA - 意大利





## Lubricants (for PVC applications)\*

Product*	Chemical Composition	Lubricant Effect in PVC		PVC Transparent Articles	Physical Form	Food Contact Approval by EU Law			
		Internal	External						
L090	Solid Fatty Acids Ester of Polyol	■	■	■	■	■	•	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 FACI L product list please refer to a FACI 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
<b>Antifog System</b>	≤1.0	125-140	<0	38-42

	CALCIUM	ZINC	VISCOSITY 25°C	ASH
<b>X8A</b>	%	%	cPs	%
<b>Ca/Zn Stabiliser paste</b>	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 <sub>max</sub>	Y <sub>max</sub>
<b>Release Agent</b>	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
<b>Ca/Zn Stabiliser</b>	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
<b>Ca/Zn Stabiliser</b>	-	9.2-9.7	-	3	-	-	non dusting microbead

\* Product origin: FACI SPA - ITALY



## 油酸钠 \*

	熔点	硫化灰分	钠含量	游离碱	水分	堆密度	物质形态	说明
级别	°C	%	%	(as Na <sub>2</sub> O) %max	% max	g/l		
<b>S</b>	200-210	22.5-24	7.2-7.8	0.4	4	340	粉末	活性疏水性药剂
<b>S90</b>	200-210	22.5-24	7.2-7.8	0.4	4	340	粉末	活性疏水性药剂
<b>SP</b>	200-210	22.5-24	7.2-7.8	0.4	4	350	无尘微粒	活性疏水性药剂

## 建筑行业中的应用 \*

	熔点	氧化物	游离脂肪酸	水分	碘值	堆密度	筛余物 % MAX	说明
级别	°C	%	% max	% max	glz/100g	g/l	100 目	
<b>Canastol</b>	180-190	4.5-5.3	3	3	25-45	220	1	活性&非活性疏水性药剂
<b>Zinastol</b>	-	6.2-7.0	1	2	25-45	250	2	活性&非活性疏水性药剂
<b>Edilmag</b>	-	6-7	3	4	15-30	200	5	活性&非活性疏水性药剂
<b>Edilstol 2430</b>	-	2.5-3.3	3	3	40-60	220	1	活性&非活性疏水性药剂
<b>Edilstol 7C</b>	-	3.5-4.7	1	4	1 max	230	1	活性&非活性疏水性药剂,低含量下就具有较高性能

\* 产品来源：FACI SPA - 意大利



## 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		
<b>S</b>	200-210	22.5-24	7.2-7.8	0.4	4	340	powder	Reactive hydrophobic agent
<b>S90</b>	200-210	22.5-24	7.2-7.8	0.4	4	340	powder	Reactive hydrophobic agent
<b>SP</b>	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	
<b>Canastol</b>	180-190	4.5-5.3	3	3	25-45	220	1	Reactive & non Reactive hydrophobic agent
<b>Zinastol</b>	-	6.2-7.0	1	2	25-45	250	2	Reactive & non Reactive hydrophobic agent
<b>Edilmag</b>	-	6-7	3	4	15-30	200	5	Reactive & non Reactive hydrophobic agent
<b>Edilstol 2430</b>	-	2.5-3.3	3	3	40-60	220	1	Reactive & non Reactive hydrophobic agent
<b>Edilstol 7C</b>	-	3.5-4.7	1	4	1 max	230	1	Reactive & non Reactive hydrophobic agent high performance at low %

\* Product origin: FACI SPA - ITALY



## 乙烯双硬脂酰胺 \*

级别	熔点	酸值	胺值	堆密度	罗维朋色度 5" 1/4		筛余物 % MAX		说明
	°C	mgKOH/g	mgKOH/g max	g/l	R max	Y max	100 目	325 目	
SP	140-145	≤8	2	500	5	25	无尘微粒		标准等级
N	140-145	≤8	2	350	5	25	0.5	-	标准等级
W	140-145	≤8	2	300	5	25	-	1	特殊级别用来粉末冶金
WH	140-145	5-8	2	300	5	25	≤0.05 (180μm)		特殊级别用来粉末冶金

产品可以是装在储罐中的液体或者无尘形态：微晶粒

## 硬脂酸铝 \*\*

级别	熔点	氧化物	游离脂肪酸	水分	堆密度	筛余物 % MAX		说明
	°C	%	%	% max	g/l	200 目	100 目	
M-132 HG	160-170	10.5-12.5	5.8 max	1	270	-	10	高凝胶黏度 (D1)
M-132 PF	158-165	9.2-9.8	8 max	1	250	-	10	以植物为基础， 低灰分 (D1)
M-136	120-140	8.0-10.0	10-15	2	300	-	5	活性及 非活性疏水性药剂

\* 产品来源：FACI SPA - 新加坡

\*\* 产品来源：FACI Metalest, S.L.U. - 西班牙



## Ethylene Bis-Stearamide\*

GRADE	MELTING POINT	ACID VALUE	AMINE VALUE	TYPICAL BULK DENSITY	COLOUR LOVIBOND 5" 1/4		SIEVE RESIDUE % MAX		Description
	°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
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

## 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	
M-132 HG	160-170	10.5-12.5	5.8 max	1	270	-	10	High gel viscosity (DI)
M-132 PF	158-165	9.2-9.8	8 max	1	250	-	10	Vegetal based, low ash content (DI)
M-136	120-140	8.0-10.0	10-15	2	300	-	5	Reactive & non Reactive hydrophobic agent

\* Product origin: FACI SPA - ITALY

\*\* Product origin: FACI Metalest, S.L.U. - SPAIN



发基集团作为一家拥有七个生产基地的公司（四个在欧洲，两个在亚洲，一个在美国），已经成为全球无毒硬脂酸盐、脂肪酸酯类、油脂化学品和添加剂领域的主要供应商，其产品远销世界各地。

发基集团长久以来一直致力于硬脂酸盐类产品的开发，包括动物来源和植物来源。虽然此类产品目前依然是发基集团的核心业务，但是随着公司在欧洲和美国地区的兼并重组，产品种类和客户数量也随之不断扩大。

发基集团以前瞻性思维为引导，以雄厚的技术力量和与时俱进的研发理念为基础，以市场为导向与客户建立起紧密的合作关系。

产品列表：

**FACI S.p.A. —意大利 Carasco**

脂肪酸，甘油及其衍生物，硬脂酸盐类以及水溶液，脂肪酸酯类，硬脂酰胺和环氧大豆，动物和植物来源的硬脂酸衍生物

**FACI Metalest, S.L.U. —西班牙 Zaragoza**

脂肪酸衍生物，硬脂酸盐类以及水溶液，液体脂肪酸酯

**FACI UK Chemicals Ltd —英国 Knowsley**

脂肪酸衍生物，主要是硬脂酸盐类

**FACI ASIA PACIFIC Pte Ltd —新加坡 裕廊岛**

脂肪酸衍生物，主要是硬脂酸盐类以及水溶液，脂肪酸酯

**FACI Chemicals (Zhangjiagang) Co., Ltd —中国 张家港**

脂肪酸衍生物，主要是硬脂酸盐类和脂肪酸酯

**eChem Ltd —英国 Leeds**

脂肪酸衍生物，主要是硬脂酸盐水溶液和脂肪酸酯

**FACI USA INDUSTRIAL, INC., —美国德克萨斯州 Lufkin**

脂肪酸衍生物，主要是硬脂酸盐水溶液

**FACI USA, LLC —美国德克萨斯州 Lufkin**

脂肪酸衍生物，主要是硬脂酸盐水溶液

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 epoxidized 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 UK Chemicals Ltd - Knowsley - UK**

Fatty acid derivatives predominantly metallic soaps.

**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.

**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.

**FACI USA, LLC - Lufkin TX - USA**

Fatty acid derivatives predominantly metallic soaps dispersions.



发基集团的主要产品

Other products  
available from  
the FACI Group

## 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-WLC																									
Calcium Stearate S																									
Calcium Stearate SP																									
Magnesium Stearate																									
Sodium Stearate																									
Zinc Stearate TM-TMD-TW-EPH																									
Zinc Stearate SP																									
Fluocast																									
Fluozinc																									
Fluwax																									
Sodium Oleate																									
Canastol																									
Edilstol																									
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)																									
Glycerilmonooleate (GMO E)																									
Pentaerythritol Esters																									
Ethylene glycoldistearate (EGDS)																									
Ethylene glycolmonostearate (EGMS)																									
Cetyl Stearate																									
EBS SP-N																									
EBS W-WH																									
Epoxol																									

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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**

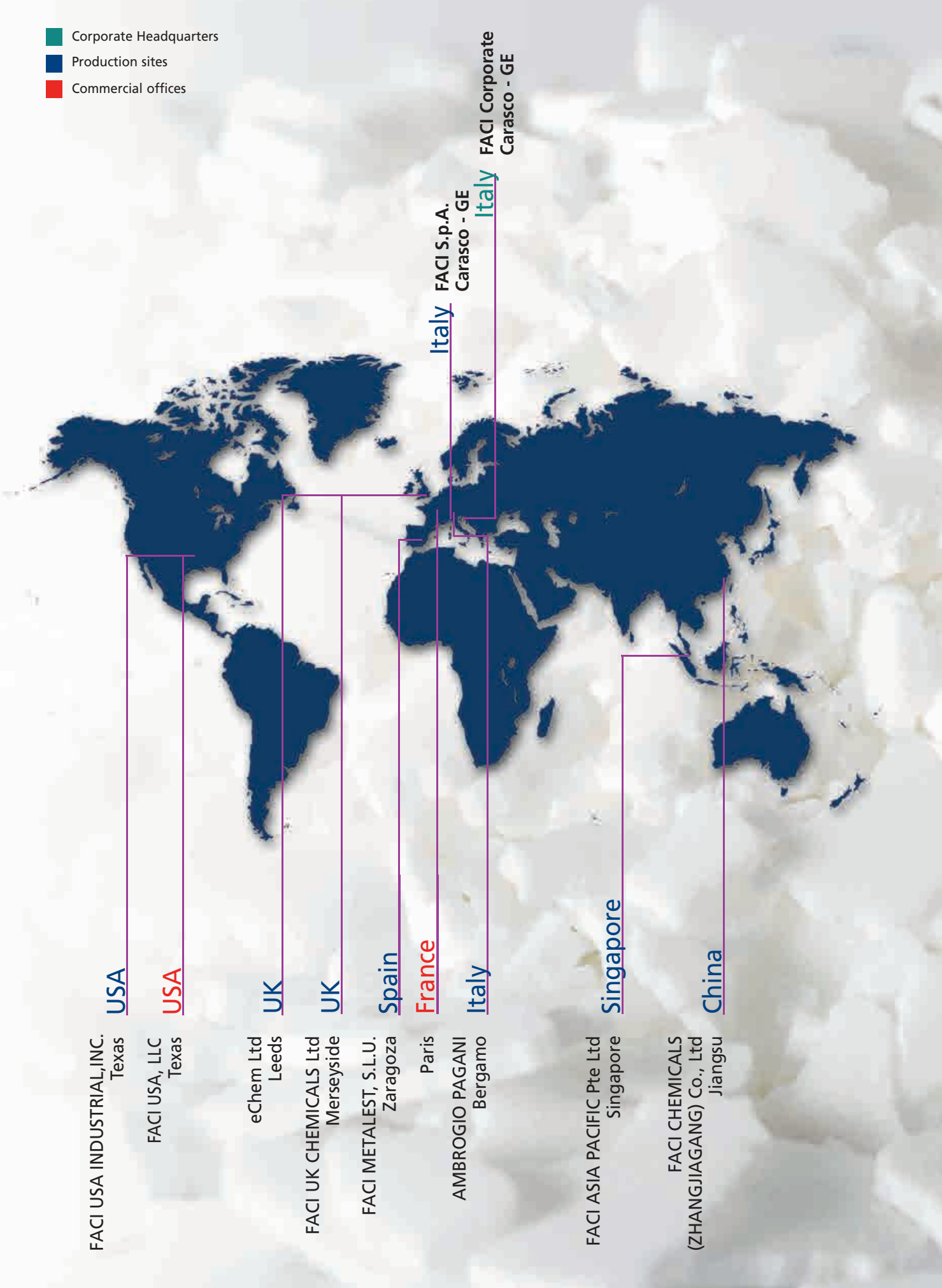
FACI Corporate  
Carasco - GE

FACI ASIA PACIFIC Pte Ltd  
Singapore

**Singapore**

FACI CHEMICALS  
(ZHANGJIANG) Co., Ltd  
Jiangsu

**China**







## 发基集团七家全资生产基地

- 意大利 Carasco
- 西班牙 Zaragoza
- 英国 Knowsley
- 英国 Leeds
- 新加坡裕廊岛
- 中国张家港
- 美国德克萨斯州 Lufkin

## 发基集团主要供应

- 无毒硬脂酸盐及水溶液
- 脂肪酸酯和作为添加剂的油脂化学衍生物

## 发基集团的产品销往世界各地

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







## FACI Corporate S.p.A.

### Headquarters

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[sales.it@facigroup.com](mailto:sales.it@facigroup.com)

## FACI Group - Production Sites

### FACI S.p.A.

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