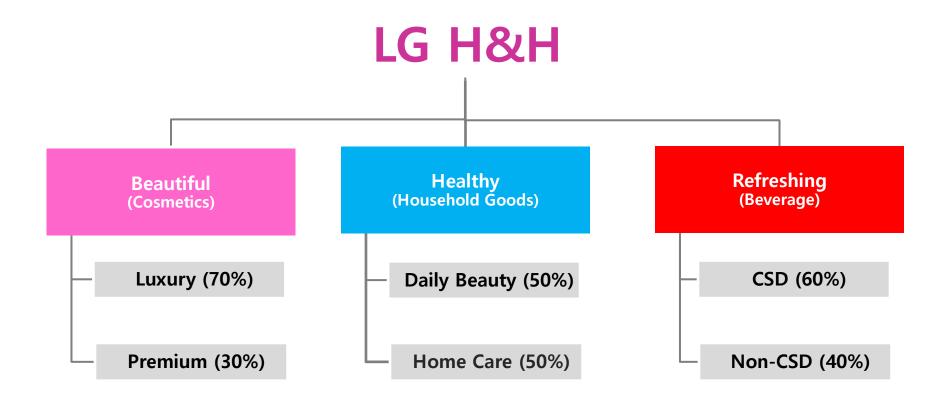


Founded in 1947, LG Household & Health Care, as the first company of LG Group, is the Korea's leading company in Fast Moving Consumer Goods industry



*Approx. of FY2017 sales

[Brief History]

1947 Started as "Lucky Chemical Engineering Company"

1979 Established "Daejeon Lucky Central Research Institute"

2001 Changed to "LG Household & Health Care"

2018 Research Institute moved into Magok LG Science Park

30% Proportion of investment in future technologies ('18)

820 Number of R&D personnel('18)

[R&D Employee]



Bachelor's(21%)

Master's(69%)

Doctor's(10%)





Male(49%)

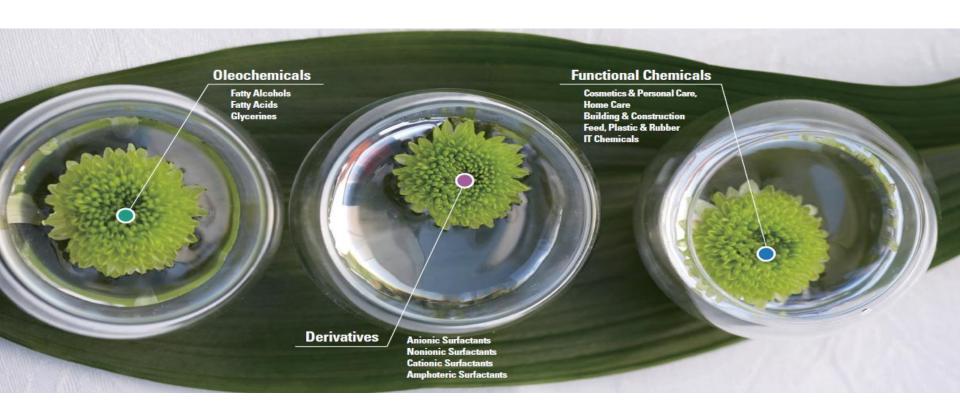
Female(51%)







We have been leading the oleochmical market for over a half century since the production of glycerin began in 1960. Based on our accumulated technologies, we built a surfactant production site in Korea in 1983. We established a joint venture for a fatty alcohol production site in Malaysia in 1992 which led us to broaden our business portfolio. We have diversified our business portfolio into such areas as fatty alcohols, fatty acids, surfactants, industrial cleaners, and functional chemicals.



1947. 03	Established as Lucky Chemical Industrial Co, beginning to produce LUCKY facial cream		
1960. 01	Oil plant in Busan established, starting to produce glycerin		
1981. 01	Moved from Busan to Ulsan, producing fatty acid and glycerin		
1983. 04	Stearic acid capacity expansion accomplished		
1983. 07	Surfactant plant completed in Onsan		
1992. 01	Fatty alcohol Joint venture in Malaysia established		
1995. 02	Corporate name changed to LG Chemical, Ltd.		
2001. 01	JV fatty alcohol capacity expansion, New batch process for surfactant accomplished in Onsan		
2001. 04	LG Household & Health Care spin off from LG Chemical, Ltd		
2005. 12	New production line for oleic acid, cationic surfactants and EBS accomplished in Ulsan		
2009. 07	AG(Milcoside) plant completed in Onsan		
2011. 08	AG/SLES production capacity expansion in Onsan		
2012. 04	Cationic surfactant capacity expansion in Ulsan		
2014. 06	Refined Glycerine capacity expansion in Ulsan		
2014. 10	RSPO Supply chain certification achieved for Segregation & Mass Balance		



Fatty Alcohols ELOCOL®

- Fractionated Fatty Alcohol
- Broad-cut Fatty Alcohol
- Blended Fatty Alcohol

Fatty Acids ELOFAD®

- Distilled Fatty Acid
- Hydrogenated Fatty Acid
- Partially Hydrogenated Fatty acid
- Fractionated Fatty Acid

Glycerines ELOGLYN®

- Refined Glycerin
- Distilled Glycerin

Anionic Surfactants ELOTANT®

- Alkyl Benzene Sulfonic Acid
- Alkyl Sulfate
- Alkyl Ether Sulfate
- Alkyl Poly Glycoside Derivative
- Potassium Cocoyl Glycinate

Nonionic Surfactants ELOTANT®

- Alkyl Poly Glycoside : MILCOSIDE series
- Polyoxyethylene Akyl ether
- Alkanol Fatty Amide
- Nonionic Surfactant Blend : ECOLOF, CONSPM series

Cationic Surfactants ELOTANT®

• Ester Quat

Amphoteric Surfactants

• Coco Amido Propyl Betaine



Plastic & Rubber ELOFER® ELOPLA® Cosmetics & Personal Care ELOPERS®

- Plasticizer
- Emulsifiers
- Lubricant

- Emulsifier
- Humactant
- Ceramide
- Opacifying Agent
- Rheology Modifying Agent
- Solubilizer
- Soap chips
- Cosmetic Cleaning Agent

> Emulsifiers & Lubricants

LG H&H is manufacturing emulsifier for emulsion polymerizaion and releasing agent or lubricants for extrusion process for polymer such as ABS, PVC, SBR, NBL etc.

Uses	Brand Name	Chemical Description	Application
	ELOFER® FS Series	Fatty acid Potassium salt	ABS
	ELOPLA® AS Series	Alkenyl succinic potassium salt	
	elotant® Sl130	Sodium Lauryl Sulfate	- PVC
	ELOTANT® LS420	Sodium dodecyl benzene Sulfonate	
Emulisifier	elotant® eslo2029	Sodium icosa-ethoxylate lauryl ether sulfate	SBL/NBL
_	elopla® len200s	Sodium dodecyl benzene Sulfonate	
	ELOPLA® KLS200	Linear Alkyl Benzene Sulfonate	
	elofad® tl070	Tallow based fatty acid	SBR/NBR
	ELOFAD® TP series	Tallow based partially hydrogenated fatty acid	
	ELOFER® EBS10 /20	Palm based / Tallow based ethylene bis stearamide	ABS
Lubricants	ELOPLA® PT100	Pentaerythrityl tetra-stearate	PC / PBT
	elopla® os100	2-Octyldodecyl Stearate	PC



CLEANGREDIENTS

COSMOS

ELOTANT MILCOSIDE 100
ELOTANT MILCOSIDE 101
ELOTANT MILCOSIDE 102NB
ELOTANT MILCOSIDE 102ND
ELOTANT MILCOSIDE 102NL
ELOTANT MILCOSIDE 110
ELOTANT MILCOSIDE 200
ELOTANT MILCOSIDE 200v3
ELOTANT MILCOSIDE 210
ELOTANT MILCOSIDE 240HE
ELOTANT MILCOSIDE 300
ELOTANT MILCOSIDE 301

ELOTANT MILCOSIDE 301V2
ELOTANT MILCOSIDE 302
ELOTANT MILCOSIDE 303
ELOTANT MILCOSIDE 303N
ELOTANT MILCOSIDE 303NF
ELOTANT MILCOSIDE 304
ELOTANT MILCOSIDE 420N
ELOTANT MILCOSIDE 430N
ELOTANT MILCOSIDE 440N
ELOTANT MILCOSIDE 440N
ELOPERS CONSPM400
ELOPERS CONSPM400V2

DETERGENTS

ELOTANT MILCOSIDE 100
ELOTANT MILCOSIDE 101
ELOTANT MILCOSIDE 102NB
ELOTANT MILCOSIDE 102ND
ELOTANT MILCOSIDE 102NL
ELOTANT MILCOSIDE 110
ELOTANT MILCOSIDE 200
ELOTANT MILCOSIDE 210
ELOTANT MILCOSIDE 240HE
ELOTANT MILCOSIDE 300

ELOTANT MILCOSIDE 301
ELOTANT MILCOSIDE 301V2
ELOTANT MILCOSIDE 302
ELOTANT MILCOSIDE 303
ELOTANT MILCOSIDE 303N
ELOTANT MILCOSIDE 304
ELOTANT MILCOSIDE 420N
ELOTANT MILCOSIDE 430N
ELOTANT MILCOSIDE 440N
ELOTANT MILCOSIDE 440N
ELOPERS CONSPM400

ELOTANT MILCOSIDE 100
ELOTANT MILCOSIDE 101
ELOTANT MILCOSIDE 102NB
ELOTANT MILCOSIDE 102ND
ELOTANT MILCOSIDE 110
ELOTANT MILCOSIDE 200
ELOTANT MILCOSIDE 200N
ELOTANT MILCOSIDE 210

ELOTANT MILCOSIDE 301
ELOTANT MILCOSIDE 301V2
ELOTANT MILCOSIDE 302
ELOTANT MILCOSIDE 303
ELOTANT MILCOSIDE 303N
ELOTANT MILCOSIDE 304
ELOTANT NUAE1068

BVC-RSPO-20160331-1 Segregation & Mass Balance System



THANK YOU!