

## MIRA INFORM REPORT

<b>Report No. :</b>	483677
<b>Report Date :</b>	01.01.2018

### IDENTIFICATION DETAILS

<b>Name :</b>	LG CHEM LTD.
<b>Registered Office :</b>	128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Korea 24th Fl., LG Twin Tower East Annex 07336
<b>Country :</b>	South Korea
<b>Financials (as on) :</b>	30.06.2017
<b>Date of Incorporation :</b>	03.04.2001
<b>Com. Reg. No.:</b>	107-81-98139
<b>Legal Form :</b>	Listed Company
<b>Line of Business :</b>	<ul style="list-style-type: none"> <li>Export/Import Manufacture of Basic Organic Petrochemicals, Petrochemicals, Performance Polymers, Industrial Materials, Information &amp; Electronic Materials</li> <li>Manufacture of Synthetic Resin and Other Plastic Materials</li> </ul>
<b>No. of Employees :</b>	16,750

**RATING & COMMENTS**

(Mira Inform has adopted New Rating mechanism w.e.f. 23<sup>rd</sup> January 2017)

**MIRA's Rating :** **A+**

Credit Rating	Explanation	Rating Comments
A+	Low Risk	Business dealings permissible with low risk of default

<b>Status :</b>	Excellent
<b>Payment Behaviour :</b>	Regular
<b>Litigation :</b>	Exist

**NOTES :**

Any query related to this report can be made on e-mail : [infodept@mirainform.com](mailto:infodept@mirainform.com) while quoting report number, name and date.

**ECGC Country Risk Classification List**

Country Name	Previous Rating (30.06.2017)	Current Rating (30.09.2017)
South Korea	A1	A1

Risk Category	ECGC Classification
Insignificant	A1
Low Risk	A2
Moderately Low Risk	B1
Moderate Risk	B2
Moderately High Risk	C1
High Risk	C2
Very High Risk	D

**SOUTH KOREA - ECONOMIC OVERVIEW**

South Korea over the past four decades has demonstrated incredible economic growth and global integration to become a high-tech industrialized economy. In the 1960s, GDP per capita was comparable with levels in the poorer countries of Africa and Asia. In 2004, South Korea joined the trillion-dollar club of world economies.

A system of close government and business ties, including directed credit and import restrictions, initially made this success possible. The government promoted the import of raw materials and technology at the expense of consumer goods and encouraged savings and investment over consumption.

The Asian financial crisis of 1997-98 exposed longstanding weaknesses in South Korea's development model, including high debt/equity ratios and massive short-term foreign borrowing. GDP plunged by 7% in 1998, and then recovered by 9% in 1999-2000. South Korea adopted numerous economic reforms following the crisis, including greater openness to foreign investment and imports. Growth moderated to about 4% annually between 2003 and 2007.

South Korea's export-focused economy was hit hard by the 2008 global economic downturn, but quickly rebounded in subsequent years, reaching over 6% growth in 2010. The US-Korea Free Trade Agreement was ratified by both governments in 2011 and went into effect in March 2012. Between 2012 and 2016, the economy experienced slow growth – 2%-3% per year - due to sluggish domestic consumption, a drop in foreign demand for South Korean exports, increased competition from regional rivals such as China and Japan, and declining investment. The administration in 2016 faced the challenge of balancing heavy reliance on exports with domestic restructuring efforts in the country's shipbuilding and shipping industries.

The South Korean economy's short-term challenges include a potential loss of consumer confidence due to issues with its mobile phone industry, as well as uncertainty stemming from a tumultuous domestic political situation. In the long-term, South Korea must deal with a rapidly aging population, inflexible labor market, dominance of large conglomerates (chaebols), and the heavy reliance on exports, which comprise more than 40% of GDP. South Korea's low overall unemployment rate masks problems with high youth unemployment, low worker productivity, high labor underutilization, and low female participation in the workforce. The government has tried to implement structural reforms, but continues to face significant headwind from vested interests. Finally, the country could eventually face an unprecedented financial burden in the event the unification of the Korean Peninsula were to occur.

Source : CIA

## **BASIC INFORMATION**

Company Name	LG CHEM LTD.
Registered Address	128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Korea
Building	24th Fl., LG Twin Tower East Annex
Zip Code	07336
Tel	+82-2-3773-5114
Fax	+82-2-3773-7933
E-mail	ir@lgchem.com
Website	www.lgchem.com
Trading Address	24th Fl., LG Twin Tower East Annex, 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Korea (Old Address System : 24th Fl., LG Twin Tower East Annex, 20, Yeuido-dong, Yeongdeungpo-gu, Seoul, Korea)
Tel	+82-2-3777-1114
Fax	+82-2-3773-7933
Other Address-Information Electronics Materials Div.	10, Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul, Korea
Tel	+82-2-3773-6652
Fax	
Other Address-Yeosu VCM Factory	763, Wolnae-dong, Yeosu-si, Jeonnam-do 555-260 Korea
Tel	+82-61-680-6400
Fax	
Other Address-Yeosu SM Factory	1214-1, Jeokryang-dong, Yeosu-si, Jeonnam-do 555-270 Korea
Tel	+82-61-680-6201
Fax	
Other Address-Okso Alcohol Factory	760 Jungheung-dong, Yeosu-si, Jeonnam-do 555-200 Korea
Tel	+82-61-680-6810
Fax	
Other Address-Yeosu Acylate Factory	70-1, Hwachi-dong, Yeosu-si, Jeonnam-do 555-280 Korea
Tel	+82-61-680-1114
Fax	+82-61-680-6006
Other Address-Naju Factory	1, Songwol-dong, Naju-si, Jeonnam-do 520-130 Korea
Tel	+82-61-330-1114
Fax	+82-61-330-1350
Other Address-Daesan Factory	679-13, Daejuk-ri, Daesan-eup, Seosan-si, Chungnam-do 356-874 Korea
Tel	+82-41-660-7821
Fax	+82-41-660-7891
Other Address-Iksan Factory	599, Yongje-dong, Iksan-si, Jeonbuk-do 570-350 Korea
Tel	+82-63-830-1114
Fax	+82-63-830-4118
Other Address-Ochang	8B Ochang Scientific Local Industrial Complex 1114-1 Namchon-ri, Oksan-

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Techno Park	myeon, Cheongwon-gun, Chungbuk-do 363-911 Korea
Tel	+82-41-660-7826
Fax	+82-41-660-7891
Other Address-R&D Center	188, Munji-ro, Yuseong-gu, Daejeon, Korea (Old Address System : 104-1, Munji-dong, Yuseong-gu, Daejeon, 305-738 Korea)
Tel	+82-42-866-2114
Fax	
Other Address-Gwacheon R&D Campus	36, Janggunmaeul 3-gil, Gwacheon-si, Gyeonggi-do, Korea (Old Address System : 1-1, Juam-dong, Gwacheon-si, Gyeonggi-do, Korea)
Tel	+82-2-570-4010
Fax	
Other Address-Polyolefin Research Institute	754, Jungheung-dong, Yeosu-si, Jeonnam-do 555-200 Korea
Tel	
Fax	
Type	Export/Import
Industry	Manufacture of Basic Organic Petrochemicals
Main Business	Petrochemicals, Performance Polymers, Industrial Materials, Information & Electronic Materials
Sub Business	Manufacture of Synthetic Resin and Other Plastic Materials
Established (mm/dd/yyyy)	04/03/2001

## **DETAILED PRODUCTS**

<b>Activity</b>	<b>Detailed Products (UNSPSC)</b>
Sell	Photographic processing chemicals(45141500)
Sell	Resins(13111000)
Sell	Surface decorative materials
Sell	Circuit assemblies and radio frequency RF components(32101500)
Sell	Films(13111200)
Sell	Electrical boxes(39121303)
Sell	Rugs and mats(52101500)
Sell	Synthetic or imitation leather(11162307)
Sell	Wall finishing materials(30161500)
Sell	Heating equipment and parts and accessories(40101800)
Sell	Additives(12160000)
Sell	Flooring(30161700)
Sell	Restroom partitions(30181508)
Sell	Pipe(40142100)
Sell	Tiles and flagstones(30131700)
Sell	Doors(30171500)
Sell	Door frames(30171507)
Sell	Films(13111200)
Sell	Wallpapers(30161502)
Sell	Nickel hydrogen batteries(26111712)

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Sell	Lithium batteries(26111711)
Sell	Transportation components and systems(25170000)
Sell	Polarizers(31242202)
Sell	Billboard advertising(82101501)
Sell	Molding(30161906)
Sell	Polystyrene PS(13102026)
Sell	Gaseous fuels(15111500)
Sell	Inorganic hydroxides(12352305)
Sell	Elastomers(13101700)
Sell	Toner(44103103)
Sell	Plasticizers(12162000)
Sell	Low Density Polyethylene LDPE(13102018)
Sell	Polybutylene Terephthalate PBT(13102012)
Sell	Chemicals including Bio Chemicals and Gas Materials(12000000)
Sell	Aromatic or heterocyclic compounds(12352005)
Sell	Acrylonitrile butadiene styrene ABS(13102001)
Sell	Thermoplastic plastics(13102000)
Sell	Polypropylene PP(13102022)
Sell	Styrene Acrylonitrile SAN(13102031)
Sell	Polyethylene (PE) Compound
Sell	Acrylate or methacrylate intermediates(12352130)
Sell	High Density Polyethylene HDPE(13102017)
Sell	Polyvinyl Chloride PVC(13102030)

## **CEO'S**

Name	Park Jin-Soo
Date of Birth	03/01/1952
Title	Vice Chairman & CEO
Nationality	Korean

## **PROFILES**

Capital (KRW)	391,405,715,000
Employees	16,750
Formation	Listed Company (Korea Stock Exchange : 051910 ) as of 04/25/2001 A Company of LG Business Group
Bank Details	Woori Bank-Twin Tower Branch KEB Hana Bank
Corporate Registered No.	110111-2207995
Business Registered No.	107-81-98139
Permit & Licenses	KOSHA 2000

Int'l Trade No.: 11893323

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Shareholder Position	Name	Shares	%
	LG CORP.(110111-0003543)	23,534,211	30.06
	NATIONAL PENSION SERVICE(110171-0007134)	3,816,045	4.87
	TREASURY STOCK	1,668,783	2.13
	OTHERS	49,262,104	62.93
	TOTAL	78,281,143	100.00
Company History	04/03/2001 Incorporated as the present name after split LGCI		
	04/02/2009 Decreased capital to 369,500,105,000 KRW from 419,500,105,000 KRW		
	04/01/2011 Acquired LG POLYCARBONATE LTD.(206211-0014519)		
	04/2011. Completed construction of Ochang plant 1 for electric vehicle batteries		
	04/2011. Completed expansion of Daesan NCC(ethylene 150,000 tons, propylene 75,000 tons, etc.)		
	07/2011. Established a petrochemical joint venture in Kazakhstan		
	06/2012. Completed expansion of acrylic acid(160,000 tons) and SAP(80,000 tons) plant.		
	08/2013. Completed expansion of polymer battery(10,000,000cells/month) plant in Nanjing, China.		
	12/2013. Established High EVA(140,000 tons) and SSBR(60,000 tons) plant in Deasan		
	04/30/2014 Acquired NanoH2O (USA)		
	04/15/2016 Acquired FARM HANNONG CO., LTD.(110111-4362482)		
	01/02/2017 Increased capital to 391,405,715,000 KRW from 369,500,105,000 KRW		
	01/02/2017 Acquired LG LIFE SCIENCES, LTD.(110111-2581183)		

## **DETAILED INFORMATION**

### **Management**

Job Description	Name	Nationality	Date of Birth	Inauguration Date
Vice Chairman & CEO	Park Jin-Soo	Korean	03/01/1952	03/16/2012
Vice Chairman	Koo Bon-Joon	Korean	12/24/1951	03/18/2016
President & CFO	Jung Ho-Young	Korean	11/02/1961	03/18/2016
Outside Director / Auditor	Ahn Young-Ho	Korean	11/03/1954	03/18/2016
Outside Director / Auditor	Kim Se-Jin	Korean	02/01/1956	03/18/2011
Outside Director	Cha Kook-Heon	Korean	07/17/1958	03/18/2016
Outside Director / Auditor	Jung Dong-Min	Korean	06/10/1960	03/17/2017

## **FINANCIALS**

Year / Unit : KRW	Sales	Assets	Net Income
06/2017	10,342,107,000,000	18,887,473,000,000	956,209,000,000
2016	17,264,845,000,000	16,775,894,000,000	1,379,589,000,000
2015	17,334,109,000,000	16,231,596,000,000	1,203,855,000,000
2014	19,675,975,000,000	15,893,446,000,000	823,496,000,000
2013	20,255,935,000,000	15,387,176,000,000	1,174,392,000,000
2012	20,442,790,000,000	14,784,787,000,000	1,440,317,000,000
2011	19,809,874,000,000	13,419,017,000,000	2,028,321,000,000
2010	16,850,454,000,000	11,014,609,000,000	1,970,993,000,000
2009	13,694,516,000,000	9,434,738,000,000	1,384,472,000,000
2008	12,645,000,000,000	8,036,382,000,000	1,002,585,000,000
2007	10,795,320,000,000	7,049,952,000,000	686,205,000,000
2006	9,284,570,000,000	5,806,516,000,000	316,000,000,000
2005	7,425,104,000,000	5,593,399,000,000	400,258,000,000
2004	7,127,411,000,000	5,679,529,000,000	536,420,000,000
2003	5,672,465,760,496	4,761,747,857,666	362,108,459,312

## **FINANCIAL DESCRIPTION**

Authorized Capital(KRW)	1,460,000,000,000
Paid-Up Capital(KRW)	391,405,715,000
Total Issues Shares	78,281,143(Common : 70,592,343 / Preferable : 7,688,800)

### **Balance Sheet**

Unit : Million Korean Won	01/01/2017~06/30/2017	As of 12/31/2016	As of 12/31/2015
Total Assets	18,887,473	16,775,894	16,231,596
Current Assets	7,325,522	6,784,724	7,114,410
Cash & Cash Equivalents	1,259,384	956,068	1,423,061
Trade Payables	3,465,016	3,010,529	2,745,514
Other Receivables	540,089	911,656	1,162,967
Current Financial Instruments	0	0	93
Other Current Assets	84,163	129,154	80,793
Inventories	1,972,121	1,775,011	1,695,482
Non-Current Assets to be Sold	4,749	2,306	6,500
Non-Current Assets	11,561,951	9,991,170	9,117,186
Other Long-Term Receivables	117,045	112,686	55,024
Non-Current Financial Instruments	21,504	18,785	13,813

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Investment_Subsidiaries	1,993,238	1,951,067	1,015,354
Investment_Related Companies	232,027	203,290	245,674
Deferred Income Tax Credit	69,559	20,930	0
Assets			
Tangibles	7,675,637	7,268,225	7,429,799
Intangibles	1,380,503	397,453	337,853
Investment_Real Estates	1,033	1,039	0
Other Non-Current Assets	71,405	17,695	19,669
Total Liabilities	4,032,647	3,299,563	3,787,033
Current Liabilities	2,776,576	3,138,763	3,412,605
Trade Payables	1,110,239	1,091,037	850,086
Other Payables	908,061	949,711	839,884
Borrowings	122,869	650,808	1,133,004
Other Current Finance Debts	4,350	0	
Current Portion of Provisions	40,750	35,243	9,460
Accrued Income Tax	304,794	199,121	321,683
Other Current Liabilities	285,513	212,843	258,488
Non-Current Liabilities	1,256,071	160,800	374,428
Long-Term Trade Payables & Other Payables	5,562	11,644	551
Borrowings	976,866	30,272	233,859
Non-Current Provision	104,570	42,986	24,535
Provision for Severance & Retirement	130,994	46,390	79,077
Other Non-Current Debts	38,079	29,508	27,852
Capital Stock	391,406	369,500	369,500
Capital Surplus	2,283,378	1,166,764	1,166,764
Others	-354,731	-14,263	-16,075
Profit Surplus	12,534,773	11,954,330	10,924,374
Total Equity	14,854,826	13,476,331	12,444,563
Liab. & Shareholder's Equity	18,887,473	16,775,894	16,231,596

**Income Statement**

<b>Unit : Million Korean Won</b>	<b>01/01/2017~06/30/2017</b>	<b>As of 12/31/2016</b>	<b>As of 12/31/2015</b>
Sales	10,342,107	17,264,845	17,334,109
Cost of Sold Goods	8,093,305	13,716,875	14,109,705
Gross Profit	2,248,802	3,547,970	3,224,404
Selling & Admin. Expenses	1,057,854	1,734,725	1,604,312
Operating Income	1,190,948	1,813,245	1,620,092
Finance Income	154,553	235,822	237,923
Finance Expenses	105,246	148,051	138,579
Other Non-Operating Income	217,650	461,469	523,025

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Other Non-Operating Expenses	280,828	618,411	716,013
Income Before Taxes	1,177,077	1,744,074	1,526,448
Income Taxes Expenses	220,868	364,485	322,593
Net Income	956,209	1,379,589	1,203,855

**Cash Flows**

Unit : Million Korean Won	01/01/2017~06/30/2017	As of 12/31/2016	As of 12/31/2015
Operating Activities Cash Flows	1,073,259	2,239,725	2,752,528
Cash Flows from Operating Interests Received	1,194,585	2,663,581	2,830,131
Interests Received	10,454	38,351	30,945
Interests Paid	-12,964	-27,319	-33,928
Dividends Received	69,921	76,364	96,747
Income Taxes	-188,737	-511,252	-171,367
Cash Flows from Investing	-158,133	-1,673,213	-1,323,445
Cash Inflow from Investing	522,025	647,064	1,121,493
Cash Outflows for Investing	-680,158	-2,320,277	-2,444,938
Cash Flows from Financing	-615,782	-1,032,561	-721,919
Cash Inflows from Financing	797,587	0	0
Cash Outflows from Financing	-1,413,369	-1,032,561	-721,919
Increase/Decrease in Cash	299,344	-466,049	707,164
Cash at the Beginning of Year	956,068	1,423,061	717,965
Cash at the End of Year	1,259,384	956,068	1,423,061

**PRODUCTS, TECHNOLOGIES, SERVICES  
DESCRIPTION**

Main Products & Services	-Information & Electronic Materials Mobile Energy Optical Materials Electronic Materials
	-Chemicals & Polymers NCC/Polyolefin Rubbers/Specialty Polymers PVC ABS/EP Acrylates/Plasticizers

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Detailed Products Spec.      -Industrial Materials  
   Housing Solutions  
   Living Solutions  
   Automotive Solutions  
   Information & Electronic Materials  
   Chemicals & Polymers  
   Industrial Materials

## **TRADE PARTNERS & COMPETITORS**

### Suppliers

LG INTERNATIONAL CORP.  
LG PETROCHEM. CO., LTD.(110111-0226905)  
LG CORP.  
OXY/DOW CHEM  
PETOCA

ADVANCED NANO PRODUCTS CO., LTD.  
BUYONG LOCAL INDUSTRIAL COMPLEX, 244, GEUMHO-RI, BUYONG-  
MYEON, CHEONGWON-GUN, CHUNGBUK-DO 363-942 KOREA  
TEL:+82-43-275-6966 FAX:+82-43-275-6960  
INDUSTRY: MANUFACTURE OF ALL OTHER CHEMICAL PRODUCTS  
N.E.C.

KAEL CO., LTD.  
1690-2, SINIL-DONG, DAEDEOK-GU, DAEJEON 306-230 KOREA  
TEL:+82-42-931-6287 FAX:+82-42-931-9190  
INDUSTRY: MANUFACTURE OF SEMICONDUCTOR- MAKING  
MACHINERY

ELICO POWER CO., LTD.  
466-2, SONGJEONG-DONG, GWANGJU-SI, GYEONGGI-DO 464-903  
KOREA  
TEL:+82-31-760-3600 FAX:+82-31-760-3601  
INDUSTRY: MANUFACTURE OF OTHER ELECTRIC MOTORS,  
GENERATORS AND TRANSFORMERS

SEMONG NICE CO., LTD.  
#407 YUCHEON FACTOPIA 196 ANYANG 7-DONG MANAN-GU  
ANYANG-SI GYEONGGI-DO 430-727 KOREA  
TEL:+82-31-467-2713~6 FAX:+82-31-467-2999  
INDUSTRY: MANUFACTURE OF SHOES

BUMSAN SYSTEC CO., LTD.  
2 FL., GEUMSEONG BLDG., 117-2, YANGJAE-DONG, SEOCHO-GU,  
SEOUL 137-130 KOREA  
TEL:+82-2-577-2574 FAX:+82-2-579-6481  
INDUSTRY: PAPER HANGING, DECORATING AND CARPENTRY

Suppliers	<p>WORKS LS CABLE LTD. 19 FL., ASEM TOWER, 159, SAMSEONG 1-DONG, GANGNAM-GU, SEOUL 135-798 KOREA TEL:+82-2-2189-9114 FAX:+82-2-2189-9509 INDUSTRY: MANUFACTURE OF INSULATED WIRE AND CABLE, EXCEPT INSULATED CODE SETS</p> <p>SUN YOUNG CHEMICAL CO., LTD. 170-43, ANNYEONG-RI, TAEAN-EUP, HWASEONG-SI, GYEONGGI-DO 445-976 KOREA TEL:+82-31-226-3016 FAX:+82-31-226-3010 INDUSTRY: MANUFACTURE OF PLASTIC FILMS, SHEETS AND PLATES</p> <p>NEXCON TECHNOLOGY CO., LTD. 303-1, YOBANG-RI, SEONGGEO-EUP, CHEONAN-SI, CHUNGNAM-DO 330-834 KOREA TEL:+82-41-620-4000 FAX:+82-41-620-4009 INDUSTRY: MANUFACTURE OF OTHER ELECTRIC MOTORS, GENERATORS AND TRANSFORMERS</p> <p>POWER LOGICS CO., LTD. 5445, SANGDAEWON-DONG, JUNGWON-GU, SEONGNAM-SI, GYEONGGI-DO 462-120 KOREA TEL:+82-31-704-1463 FAX:+82-31-704-9487 INDUSTRY: MANUFACTURE OF ELECTRICAL APPARATUSESES FOR SWITCHING, PROTECTING AND CONNECTING ELECTRICAL CIRCUITS USED IN POWER DISTRIBUTION SYSTEMS</p> <p>SPEC CORP. 1695-5, SINIL-DONG, DAEDEOK-GU, DAEJEON 306-230 KOREA TEL:+82-42-934-9200 FAX:+82-42-934-9300 INDUSTRY: MANUFACTURE OF AIRCRAFT PARTS AND ACCESSORIES</p> <p>DONGKOOK IND. CO., LTD. GABEUL BLDG., 2-5, GARWOL-DONG, YONGSAN-GU, SEOUL 140-758 KOREA TEL:+82-2-754-2961 FAX:+82-2-754-2960 INDUSTRY: MANUFACTURE OF OTHER PARTS AND ACCESSORIES FOR MOTOR VEHICLES</p> <p>S DOCERA CO. 11-1206 REX APT, DONG BU ICHON DONG, YONGSAN GU, SEOUL 140-030 KOREA TEL:+82-2-7492720 FAX:+82-2-7492722 INDUSTRY: WHOLESALE TEXTILES</p>
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Customers

SILTRON INC.  
LG INTERNATIONAL CORP.  
LG ELECTRONICS INC.  
LG. PHILIPS LCD CO., LTD.  
LG PETROCHEM. CO., LTD.

KIA MOTORS CORPORATION  
231, YANGJAE-DONG, SEOCHO-GU, SEOUL 137-130 KOREA  
TEL:+82-2-3464-1114 FAX:+82-2-3464-6800  
INDUSTRY: MANUFACTURE OF PASSENGER MOTOR VEHICLES

DAEWOO ELECTRONICS CO., LTD.  
686, AHYEON-DONG, MAPO-GU, SEOUL 121-010 KOREA  
TEL:+82-2-360-7114 FAX:+82-2-360-5588  
INDUSTRY: MANUFACTURE OF OTHER DOMESTIC ELECTRIC  
APPLIANCES

GS ENGINEERING & CONSTRUCTION CORP.  
GS YEOKJEON BLDG., 537, NAMDAEMUNNO 5-GA, JUNG-GU, SEOUL  
100-722 KOREA  
TEL:+82-2-728-1112~3 FAX:+82-2-728-1203,3235  
INDUSTRY: APARTMENT BUILDING CONSTRUCTION

NATIONAL PLASTIC CO., LTD.  
834, WONSI-DONG, DANWON-GU, ANSAN-SI, GYEONGGI-DO 425-852  
KOREA  
TEL:+82-31-361-8613 FAX:+82-31-360-7501  
INDUSTRY: MANUFACTURE OF PACKAGING PLASTICS AND  
SHIPPING CONTAINERS

HYNIX SEMICONDUCTOR INC.  
SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO 467-866  
KOREA  
TEL:+82-31-630-4114 FAX:+82-31-630-4103  
INDUSTRY: MANUFACTURE OF DIODES, TRANSISTORS AND  
SIMILAR SEMI-CONDUCTOR DEVICES

Customers

GAON CABLE CO., LTD.  
166, GEUMJEONG-DONG, GUNPO-SI, GYEONGGI-DO 435-824 KOREA  
TEL:+82-31-452-7346 FAX:+82-31-454-1916  
INDUSTRY: MANUFACTURE OF INSULATED WIRE AND CABLE,  
EXCEPT INSULATED CODE SETS

YOULCHON CHEMICAL CO., LTD.  
4F NONGSHIM BD, 370-1, SINDAEBANG 2-DONG, DONGJAK-GU,  
SEOUL, 156-848 KOREA  
TEL:+82-2-822-0022 FAX:+82-2-821-0956  
INDUSTRY: MANUFACTURE OF PLASTIC SACKS, BAGS AND SIMILAR  
PRODUCTS

SL CORPORATION  
236-3, NOWONDONG 3-GA, BUK-GU, DAEGU 702-815 KOREA  
TEL:+82-53-352-8511 FAX:+82-53-352-8520  
INDUSTRY: MANUFACTURE OF OTHER PARTS AND ACCESSORIES  
FOR MOTOR VEHICLES

DONG AH TIRE & RUBBER CO., LTD.  
90, YUSAN-DONG, YANGSAN-SI, GYEONGNAM-DO 626-230 KOREA  
TEL:+82-55-389-0011 FAX:+82-55-382-7736  
INDUSTRY: MANUFACTURE OF TIRES AND TUBES

KOLON CHEMICAL CO., LTD.  
10F KOLON TOWER 1-23, BYEORYANG-DONG, GWACHEON-SI,  
GYEONGGI-DO 427-709 KOREA  
TEL:+82-2-3677-6043 FAX:+82-2-3677-6190  
INDUSTRY: MANUFACTURE OF SYNTHETIC RESIN AND OTHER  
PLASTIC MATERIALS

Customers

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ORIENTAL CHEMICAL IND. BLDG., 50, SOGONG-DONG, JUNG-GU,  
SEOUL 100-718 KOREA  
TEL:+82-2-727-9500 FAX:+82-2-757-4111  
INDUSTRY: MANUFACTURE OF OTHER BASIC INORGANIC  
CHEMICALS

HANIL EWHA CO., LTD.  
176-3, GOCHEOK 2-DONG, GURO-GU, SEOUL 152-831 KOREA  
TEL:+82-2-2618-5231 FAX:+82-2-2618-1153  
INDUSTRY: MANUFACTURE OF PARTS AND ACCESSORIES FOR  
MOTOR VEHICLE BODY

HYUNDAI MOTOR COMPANY  
231, YANGJAE-DONG, SEOCHO-GU, SEOUL 137-130 KOREA  
TEL:+82-2-3464-1114 FAX:+82-2-3464-3469  
INDUSTRY: MANUFACTURE OF PASSENGER MOTOR VEHICLES

GM DAEWOO AUTO & TECHNOLOGY COMPANY  
199-1, CHEONGCHEON-DONG, BUPYEONG-GU, INCHEON 403-030  
KOREA  
TEL:+82-32-520-2114 FAX:+82-32-520-4658  
INDUSTRY: MANUFACTURE OF PASSENGER MOTOR VEHICLES

CHIL SUNG POLYMER CO., LTD.  
54-5, SEONGSAN-DONG, MAPO-GU, SEOUL 121-250 KOREA  
TEL:+82-2-334-4604 FAX:+82-2-334-8969  
INDUSTRY: MANUFACTURE OF ADHESIVES AND GELATIN

Competitors

SAMSUNG GENERAL CHEMICALS CO., LTD.

SAN 222-2, DOKGOT-RI, DAESAN-EUP, SEOSAN-SI, CHUNGNAM-DO  
356-874 KOREA  
TEL:+82-41-660-6213 FAX:+82-41-681-4812  
INDUSTRY: MANUFACTURE OF BASIC ORGANIC PETROCHEMICALS

SAMSUNG TOTAL PETROCHEMICALS CO., LTD.  
411-1, DOKGOT-RI, DAESAN-EUP, SEOSAN-SI, CHUNGNAM-DO 356-  
874 KOREA  
TEL:+82-41-660-6114 FAX:+82-41-681-4812  
INDUSTRY: MANUFACTURE OF BASIC ORGANIC PETROCHEMICALS

SK CHEMICALS CO., LTD.  
600, JEONGJA 1-DONG, JANGAN-GU, SUWON-SI, GYEONGGI-DO  
440-745 KOREA  
TEL:+82-31-245-3131 FAX:+82-31-247-2004  
INDUSTRY: MANUFACTURE OF BASIC ORGANIC PETROCHEMICALS

BASF CO., LTD.  
373-15, HWACHI-DONG, YEOSU-SI, JEONNAM-DO 555-280 KOREA  
TEL:+82-61-680-7000 FAX:+82-61-684-7260  
INDUSTRY: MANUFACTURE OF BASIC ORGANIC PETROCHEMICALS

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441-1, GURYONG-RI, OCHANG-MYEON, CHEONGWON-GUN,  
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INDUSTRY: MANUFACTURE OF OPTICAL FIBERS AND ELEMENTS

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**Overseas Office**

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ISTANBUL OFFICE  
BUYUKDERE CADDESİ NUROL PLAZA NO:71 A BLOK KAT:8 MASLAK/  
ISTANBUL TURKEY  
TEL:+90-533-667-2995

HOCHIMINH OFFICE  
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TEL:+65-6333-6090 FAX:+65-6333-6109

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19TH FLOOR, SERMMIT TOWER, 159 ASOKE, SUKHUMVIT 21 ROAD,  
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LG VINA CHEMICAL JOINT VENTURE CO., LTD.

Joint Venture

(40.00% held by the subject company)  
8TH FLOOR, YOCO BUILDING, 41 NGUYEN THI MINH KHAI STREET,  
DISTRICT 1 HO CHI MINH VIETNAM  
TEL:+84-8-822-1686 FAX:+84-8-822-1685

HL GREEN POWER INC.(135211-0027542)  
(49.00% held by the subject company)

SEETEC CO., LTD.(110111-0589171)  
(50.00% held by the subject company)

CNOOC & LG PETROCHEMICALS CO., LTD.(CHINA)  
(50.00% held by the subject company)

KLPE LIMITED LIABILITY PARTNERSHIP(KAZAKHSTAN)  
(50.00% held by the subject company)  
FARM HANNONG CO., LTD.(110111-4362482)

Subsidiary

	SESIL CORPORATION(110111-0768262)
	FARM CERES CO., LTD.(110111-4649591)
	FARMBIOTEC CO., LTD.(110111-4649814)
	AGROTECH CO., LTD.(110111-4448795)
	FARMPFI CO., LTD.(140111-0049179)
	FARM HWAONG CO., LTD.(161311-0027506)
	SAEMANGUM FARM CO., LTD.(214811-0012909)
Subsidiary	TIANJIN LG DAGU CHEMICAL CO.,LTD.(CHINA)
	NINGBO LG YONGXING CHEMICAL CO.,LTD.(CHINA) (75.00% held by the subject company)
	NINGBO ZHENHAI LG YONGXING TRADE CO.,LTD.(CHINA)
	LG CHEM HK LTD.(HONG KONG) (100.00% held by the subject company)
	LG CHEM AMERICA, INC.(USA) (100.00% held by the subject company)
	LG CHEMICAL INDIA PVT. LTD.(INDIA) (100.00% held by the subject company)
	LG POLYMERS INDIA PVT. LTD.(INDIA)
	LG CHEMICAL (GUANGZHOU) ENGINEERING PLASTICS CO.,LTD.(CHINA) (100.00% held by the subject company)
	LG CHEM (NANJING) INFORMATION & ELECTRONICS MATERIALS CO., LTD.(CHINA) (81.00% held by the subject company)
	LG CHEM (TAIWAN), LTD.(TAIWAN) (100.00% held by the subject company)
	LG CHEM DISPLAY MATERIALS (BEIJING) CO.,LTD.(CHINA) (90.00% held by the subject company)
	TIANJIN LG BOHAI CHEMICAL CO.,LTD.(CHINA) (68.00% held by the subject company)
	TIANJIN LG BOTIAN CHEMICAL CO.,LTD.(CHINA) (41.00% held by the subject company)
	LG CHEM (CHINA) INVESTMENT CO.,LTD.(CHINA) (100.00% held by the subject company)

Subsidiary	LG CHEM (TIANJIN) ENGINEERING PLASTICS CO.,LTD.(CHINA) (90.00% held by the subject company)
	LG CHEM EUROPE GMBH(GERMANY) (100.00% held by the subject company)
	LG CHEM POLAND SP. Z O.O.(POLAND) (100.00% held by the subject company)
	LG CHEM MICHIGAN INC.(USA) (100.00% held by the subject company)
	LG CHEM POWER INC.(USA) (100.00% held by the subject company)
	LGC PETROCHEMICAL INDIA PRIVATE LTD.(INDIA) (100.00% held by the subject company)
	HAENGBOKNURI CO., LTD.(150111-0172829) (100.00% held by the subject company)
	LG CHEM TK KIMYA SANAYI VE TIC. LTD. STI.(TURKEY) (100.00% held by the subject company)
	LG CHEM JAPAN CO.,LTD.(JAPAN) (100.00% held by the subject company)
	LG NANO H <sub>2</sub> O, INC.(USA) (100.00% held by the subject company)
	NANO H <sub>2</sub> O SINGAPORE PRIVATE LTD.(SINGAPORE)
	NANO H <sub>2</sub> O (JIANGSU) WATER PROCESSING TECHNOLOGY CO. LTD.(CHINA)
	LG CHEM (NANJING) NEW ENERGY BATTERY CO., LTD.(CHINA) (50.00% held by the subject company)
	LG CHEM (CHONGQING) ENGINEERING PLASTICS CO., LTD.(CHINA) (100.00% held by the subject company)
	LG CHEM(HUIZHOU) PETROCHEMICAL CO., LTD.(CHINA) (70.00% held by the subject company)
Corporate Ownership Major Shareholders	LG CORP. LG TWIN TOWER, 20 YOIDO-DONG, YONGDUNGPO-GU, SEOUL 150- 721 KOREA TEL:+82-2-3773-2042 FAX:+82-2-3773-2100

Cooperative Enterprise      INDUSTRY: HOLDING COMPANIES  
-Technical Support from  
STYRON EUROPE GMBH  
EXXONMOBIL(USA)  
  
-Brand License Agreement with  
LG CORP.(110111-0003543)

## **SALES BY REGION (ACTIVITY & MARKETS)**

Sales/ Unit :Mil KRW	09/2011	2010	2009
Export	10,820,712	12,195,451	9,918,759
Domestic	6,256,027	7,275,999	5,602,054
Total	17,076,739	19,471,450	15,520,813

The Subject exports to North America, Asia Africa and Europe.

## **COURT ACTION**

Case No.	Court	Plaintiff(s)/ Creditor(s)/ Applicant(s)	Defendant(s) / Debtor(s)/ Respondent(s)	Cause	Amount (Million KRW)	Status
			The Subject Company(8 Cases)	Price Collusion on secondary cell battery	-	Proceeding

Except for the above cases, there are 8 cases filed as Plaintiff(s)/ Creditor(s)/ Applicant(s) amounting 19,872,000,000 KRW, and 8 cases filed as Defendant(s)/ Debtor(s)/ Respondent(s) amounting 3,891,000,000 KRW as of 06/30/2017.

## **NEWS CLIPPING**

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**FOREIGN EXCHANGE RATES**

Currency	Unit	Indian Rupees
US Dollar	1	INR 63.93
UK Pound	1	INR 86.07
Euro	1	INR 76.39
KRW	1	INR 0.060

**Note :** Above are approximate rates obtained from sources believed to be correct

**INFORMATION DETAILS**

Analysis Done by :	PRA
Report Prepared by :	SYL

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**RATING EXPLANATIONS**

Credit Rating	Explanation	Rating Comments
A++	Minimum Risk	Business dealings permissible with minimum risk of default
A+	Low Risk	Business dealings permissible with low risk of default
A	Acceptable Risk	Business dealings permissible with moderate risk of default
B	Medium Risk	Business dealings permissible on a regular monitoring basis
C	Medium High Risk	Business dealings permissible preferably on secured basis
D	High Risk	Business dealing not recommended or on secured terms only
NB	New Business	No recommendation can be done due to business in infancy stage
NT	No Trace	No recommendation can be done as the business is not traceable

NB is stated where there is insufficient information to facilitate rating. However, it is not to be considered as unfavourable.

This score serves as a reference to assess SC's credit risk and to set the amount of credit to be extended. It is calculated from a composite of weighted scores obtained from each of the major sections of this report. The assessed factors are as follows:

- Financial condition covering various ratios
- Company background and operations size
- Promoters / Management background
- Payment record
- Litigation against the subject
- Industry scenario / competitor analysis
- Supplier / Customer / Banker review (wherever available)

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