

SchemaR® is a durable and repairable product designed for everyday use. With proper care, your SchemaR® product will last for many years as beautiful and elegant as the day it was installed. Follow the instructions herein to preserve the countertop in good condition.

## 1. Damage Prevention

Prevention is always better than cure. Be sure to follow the guidelines below to prevent damage to your SchemaR® product, though all but the most severe damage is repairable on site.

- ✓ **Scratches and Fractures:** Always use a separate cutting/chopping board. Avoid sliding items across the surface. Avoid standing on countertops or dropping heavy objects on the surface.
- ✓ **Heat Damage:** Although SchemaR® have excellent heat resistant properties, prolonged or extreme heat can damage the surface. Always use a hot pad or a trivet with rubber feet for cookware or leave cookware to cool on the cooktop first. Never put hot pans and heat-generating appliances such as electric grills or deep-fryers on a SchemaR® product.
- ✓ **Chemical Damage:** Harsh chemicals such as acidic cleansers, acetone, and paint removers may damage the surface. Avoid exposing such chemicals to SchemaR® surfaces, and flush with plenty of water promptly when exposed. Remove nail polish with non-acetone based nail polish removers.

## 2. General Clean

Wiping the surface with a damp cloth or sponge is sufficient for everyday care. Avoid using abrasive pads for routine cleaning. Dry the surface with soft cloth or paper towels to prevent water marks. For basic stains, use soapy water or an ammonia-based product such as household glass cleaner along with a damp cloth or sponge. Rinse and wipe dry.

### **3. Deep Clean**

For more stubborn stains and minor scratches, you may wish to use a mild abrasive cleanser like Ajax or Comet. However, your finish of SchemaR® products should be taken into consideration before using such a cleanser. For a matte/satin finish, you may scrub in a small circular motion with a wet sponge and an abrasive cleanser over stain or scratch. DO NOT apply any abrasive cleanser to a gloss finish. If this cleaning method fails to work, please contact your original SchemaR® fabricator/installer for further assistance.

**1. Dimensions**

Properties	Unit	Specification
Thickness	mm	6.0, 9.0, 12.0 + 0.5 (-0)
Length	mm	2500, 3070, 3680 + 20 (-0)
Width	mm	760 + 10.0 (-0)
Wrap	mm	Less Than 1.6 (WIDTH)
Corner angle	mm	Less Than 3.2
Corner damage	mm	Less Than 5.0

**2. Surface defects limit**

Properties		Specification	Remarks
Face side	Black & White Spot	No spots larger than 1.0mm <sup>2</sup> on whole surface Less than 1 spot of 0.5–0.7mm <sup>2</sup> in 1M surface Less than 2 spots of 0.3–0.5mm <sup>2</sup> in 1M surface	Solid color
	Color spot	No spots larger than 2.0mm <sup>2</sup> on whole surface Less than 1 spot of 0.5–2.0mm <sup>2</sup> in 300mm diameter	Granite
	Chip	Evenly Distributed	Granite
	Defects	None (Pinhole, Crack, Scratch, etc.)	All
	Sanding	Should be sanded and polished in whole surface	All
Back side	Pin Hole	No pin holes larger than 12.0mm <sup>2</sup> on whole surface	All
	Sanding	Should be sanded in whole surface	All



## SchemaR® Performance Properties

SchemaR®

Properties	Typical Results	Test Procedure
Tensile strength	39.2 MPa (5,685 psi)	ASTM D 638
Tensile modulus	12.1 GPa ( $1.75 \times 10^6$ psi)	ASTM D 638
Flexural strength	60.9 MPa (8,833 psi)	ASTM D 790
Flexural modulus	11.7 GPa ( $1.70 \times 10^6$ psi)	ASTM D 790
Thermal expansion	$2.7 \times 10^{-5}$ m/m°C ( $1.5 \times 10^{-5}$ in/in°F)	KS M 3015:2003
IZOD impact resistance	0.02 J/mm (0.37 ft.lbf/in)	ASTM D 256
Water absorption (24h immersion)	0.03%	ASTM D 570
Hardness	84 Rockwell "M" Scale	ASTM D 785
Specific gravity	1.746 (Pure Arctic) 1.794 (N-white)	ASTM D 792

**1. Product and company identification**

Product Name	SchemaR®
Company	Soft Chemical Co., Ltd.
Emergency Telephone	+82-44-275-1668
Address	63, Geumhoseonmal-gil Bugang-myeon, Sejong-si, 30077, South Korea

**2. Hazards identification**

SchemaR® is not hazardous and does not pose any physical hazards and/or health risks when supplied and shipped. However, operations such as sawing, routing, drilling and sanding can generate dust. High concentrations of dust can cause reversible physical irritation to eyes, noses and respiratory passages and cause coughing and sneezing. Even though there are no exposure limits established for dust from SchemaR®, avoid breathing dusts.

SchemaR® does not release any gas or vapors at room temperature. At higher temperature, a small amount of methyl methacrylate (MMA) can be released, amount dependent on temperature, time and other variables. Vapors at high concentration can irritate eyes, skin, nose and throat and can cause allergic skin rashes. Overexposure to vapors can cause headaches, nausea, weakness, lung irritation with cough, discomfort and shortness of breath. Individuals with pre-existing lung and skin conditions may be more susceptible to the effects of overexposure to methyl methacrylate.

**3. Composition/information on ingredients**

Chemical Name	CAS No	Component (%)
Aluminum hydroxide	21645-51-2	54 – 64
Acrylic polymer	9011-14-7	37 – 43
Methyl methacrylate	80-62-6	<=1

**4. First aid measures**

General Advice	No hazards with special first aid measures.
Inhalation	Inhalation is unlikely a route of exposure at ambient temperature. In case of inhalation of dust or vapor from processing, move to fresh air and allow the victim to rest. Consult a physician if symptoms persist.
Eye Contact	Unlikely a route of exposure as supplied. Rinse immediately with plenty of water for a minimum of 15 minutes. Obtain medical attention if pain, blinking or redness persists.
Skin Contact	Unlikely a route of exposure as supplied. Wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse.
Ingestion	Unlikely a route of exposure as supplied. Obtain emergency medical attention.

**5. Firefighting measures**

<b>Extinguishing media</b>	
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Foam, Dry powder, Carbon dioxide, Water spray.
Unsuitable extinguishing media	None known
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard	The product is not flammable from shocks and heat, but burns.
Explosion hazard	Avoid generation of dust; fine dust dispersed in air in sufficient concentration, and in the presence of an ignition source is a potential dust explosion hazard.
<b>Advice for firefighters</b>	
Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protective equipment for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

**6. Accidental release measures**

Personal precautions	Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Minimize generation of dust. Avoid breathing dust and vapors. Avoid contact with skin and eyes. Avoid dispersal of dust in the air. Non-sparking tools should be used.

**7. Handling and storage**

Handling	<p>Loading/Unloading: SchemaR® sheets should be unloaded with a forklift or other lifting device capable of handling pallets safely. If a lifting device is not available, always carry a single sheet in the vertical position and wear heavy-duty protective gloves and proper safety shoes as sheets may have sharp edges. Carrying should be done by two people facing each other on short sides with one hand under the bottom edge to support and the other hand on the top edge to control the sheet.</p> <p>Processing/Machining: Avoid breathing dust. Avoid breathing fumes generated during heating. Temperatures reached while thermoforming could be high enough to release some methyl methacrylate. Machine operations during fabrications, such as sawing, sanding or routing, create friction and may result in temperatures high enough to release small amounts of methyl methacrylate at the cutting tool surface. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin and eyes. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixture operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.</p>
Storage	No specific storage is required. Be sure that it is not necessary to strain to reach materials and that shelves are not overloaded. Keep away from the fire.
Incompatible Materials	No information available

## 8. Exposure controls/personal protection

### 8.1 Occupational Exposure Limits

Chemical Name	Regulation	Occupational Exposure Limits	
Methyl methacrylate (80-62-6)	ACGIH	TWA	50 ppm
		STEL	100 ppm
	OSHA	PEL (TWA)	100 ppm (410 mg/m <sup>3</sup> )
Aluminum hydroxide (21645-51-2)	ACGIH	TWA	1 mg/m <sup>3</sup> (respirable particles)
	OSHA	PEL (TWA)	15 mg/m <sup>3</sup> (inhalable particles) 5 mg/m <sup>3</sup> (respirable particles)

### 8.2 Exposure controls

Engineering measures	<p>Use adequate ventilation to keep employee exposures to airborne concentrations below recommended limits for dust and vapors from operations such as machining, cutting, routing, sanding, etc. In addition, provide for appropriate exhaust ventilation and dust collection at machinery.</p> <p>It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area. Use only appropriately classified electrical equipment and powered industrial trucks.</p>
Respiratory protection	<p>No personal respiratory protective equipment normally required. In case of insufficient or inadequate ventilation during machining operations or if airborne particulate concentrations or vapors are expected to exceed permissible exposure limits, use an approved air-purifying respirator.</p>
Skin and body protection	<p>Wear leather or cotton gloves when handling pieces to protect against cuts and abrasions. Safety shoes are recommended whenever handling large pieces of material. Hearing protection may also be required during machining operations, depending on noise levels.</p>
Eye protection	<p>Wear safety glasses during operations such as sawing, sanding, drilling, or routing. Also, machining operations could require safety goggles and face-shield to protect against flying debris/particles.</p>



**9. Physical and chemical properties**

Physical state	Solid
Appearance	Sheet
Color	Various
Odor	No odor
Odor threshold	Not applicable
pH	Not applicable
Relative evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	Not applicable
Relative vapor density at 20°C	No data available
Relative density (Water = 1)	1.7 - 1.8
Solubility	Insoluble in water
Log P <sub>ow</sub>	No data available
Log K <sub>ow</sub>	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

**10. Stability and reactivity**

Reactivity	Not applicable
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	Polymerization will not occur in solid state.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	No materials to be especially mentioned.
Hazardous decomposition products	Frictional heat from machining that can reach or exceed a temperature of 300°C could result in the release of a small amount of methyl methacrylate vapor. Thermal decomposition products: carbon monoxide, methyl methacrylate and smoke.

**11. Toxicological information**

<b>Methyl methacrylate (80-62-6)</b>	
LD50 oral rat	7900 mg/kg
LC50 inhalation rat (ppm)	4632 ppm/4h
ATE US (oral)	7900.000 mg/kg bodyweight
ATE US (gases)	4632.000 ppmv/4h
IARC group	3 — Not classifiable

Further information: This product has no known adverse effect on human health.

**12. Ecological information**

Ecology - general: This product has no known ecotoxicological effects.

**13. Disposal considerations**

Waste disposal methods	Preferred waste disposal options include recycling, landfill, or incineration in accordance with federal, state, provincial, and local regulations.
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#### 14. Transport information

DOT	Not regulated
ICAO/IATA	Not regulated
IMDG/IMO	Not regulated

#### 15. Regulatory information

##### 15.1 US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

##### 15.2 International regulations

<b>Methyl methacrylate (80-62-6)</b>
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) Inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican national Inventory of Chemical Substances) Listed on Turkish Inventory of chemical

##### 15.3 US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

#### 16. Other information

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.



## MSDS (Material Safety Data Sheet)

SchemaR®

Prepared by	Soft Chemical Co., Ltd. 63, Geumhoseonmal-gil Bugang-myeon, Sejong-si, 30077, South Korea
Revision date	July 20, 2016
Revision summary	Not available

### Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.



### **Residential 10-year limited warranty**

Soft Chemical Co., Ltd. ("Soft Chemical") expressly warrants that it will repair or replace SchemaR®, free of charge, if it fails due to any manufacturing defect during the first 10 years after the initial installation. "Manufacturing defects" means defects arising from the manufacturing of SchemaR® solid surface products. This is a product only warranty, not a fabrication and/or installation warranty.

This warranty applies to the owner of a permanent installation of a SchemaR® solid surface product (the "Product") only when installed by a Soft Chemical Certified fabricator/installer and following all Soft Chemical recommended procedures for fabrication and installation (the "Installation"). Furthermore, the installed product must be used and maintained in accordance with the instructions provided by Soft Chemical.

This warranty applies from the date of the initial installation for a period of 10 years thereafter subject to the following conditions:

1. The Installation is completed after August 1st, 2016 and is for residential use only.
2. The Installation is internal and has not been moved from the original location. This warranty does not apply to external applications of the Product.
3. The Installation is done in accordance with the Fabrication Guide Book for transportation, storage, handling, fabrication, and installation provided by Soft Chemical. Improper fabrication and/or installation is the responsibility of the fabricator/installer.
4. The Product is properly maintained in accordance with Care and Maintenance Guideline. A copy of the guideline may be obtained at [www.softchem2000.com](http://www.softchem2000.com). Failure to follow the instructions may void this warranty.
5. This warranty DOES NOT COVER:
  - a. The Product that have not been paid in full.
  - b. Issues or occurrences that are inherent characteristics of the Product, regardless of whether viewed as a defect by the purchaser.
  - c. Physical, chemical or other abuse including any use of the Installation that is unreasonable considering the normal and expected uses of such an installation in a residence, and including, but not limited to, damage from vandalism,

- contact with chemical reagents not intended for use with the Product, leaving substances, such as bleach or drain cleaner on the Product without prompt cleaning, or impact damage from the dropping of heavy objects.
- d. Damage caused by prolonged or intense exposure to high temperature.
  - e. Damage caused by acts of nature, including but not limited to, fire, storms, floods, etc.
  - f. Conditions caused by normal wear and tear, for example this warranty does not cover: appearance of edges, appearance of finish, or surface scratches.
  - g. The Product installed in applications such as outdoors, BBQ installations, saunas and steam rooms.
  - h. Damage caused by workmanship of fabricators/installers.
  - i. Damage caused by any instability or improper support occurring in the property where the product has been installed, including but not limited to, shifting, settling, or movement of the substrate.
  - j. Damage caused by post installation settlement, swelling or changes to the underlying substrate or structure.
  - k. Color variation from the sample
  - l. Variations in color and/or pattern on repair or replacement (exact matching of color on repair work performed in conjunction with this warranty is not guaranteed)
6. Soft Chemical will, at its sole option, repair or replace the Product that has a manufacturing defect covered by the terms of this warranty. If repair is not possible, Soft Chemical will replace the defective area of the Installation. Soft Chemical will cover the cost of labor in the actual performance of the repair or replacement of the Product. Any other costs will be the responsibility of the owner. Soft Chemical shall not be liable for any other loss, damage or expense caused by the repair or replacement of the Product.
  7. In the case that either a repair or a replacement occurs under this warranty, the warranty will continue from the original date of the Installation, and not from the date of the repair or replacement.
  8. To qualify for repair or replacement under this warranty, the owner will be required to present the original sales receipt or proof of purchase of SchemaR® products, clearly showing the date of purchase, address of the Installation and that the



## Warranty

SchemaR®

Installation was performed by a Soft Chemical Certified Fabricator/Installer.

9. This warranty is transferable from a previous owner within the 10 year period from the original installation. The original purchase receipt or other acceptable documents will be required before warranty service is rendered. If transferred, the new owner must notify Soft Chemical in writing. The new warranty will be valid for the remaining time since the Installation.

This is the only residential product warranty made by Soft Chemical for SchemaR® solid surface. No representative, dealer, sales person or any other party has the authority to make any other statements on behalf of Soft Chemical. Only the terms and conditions stated in this residential warranty statement are binding unless an authorized Soft Chemical employee authorizes change in writing

This warranty gives the purchaser special legal rights. Other rights may also be available, which may vary across countries, states and provinces, so the above limitation or exclusion may not apply to you.

To request warranty service, contact your original fabricator/installer. You must permit your Certified Fabricator/Installer to inspect your SchemaR® product, and you must reasonably cooperate with your installer in the efforts to provide service in conjunction with this warranty. For more information about this warranty, please contact to Soft Chemical at the address below:

Soft Chemical Co., Ltd.  
63, Geumhoseonmal-gil,  
Bugang-myeon, Sejong-si, 30077, South Korea  
PHONE: +82-44-275-1668  
FAX: +82-44-275-1669



### **Commercial (Product Only) 10-year limited warranty**

Soft Chemical Co., Ltd. ("Soft Chemical") expressly warrants that it will repair or replace SchemaR®, free of charge, if it fails due to any manufacturing defect during the first 10 years after the initial installation. "Manufacturing defects" means defects arising from the manufacturing of SchemaR® solid surface products. This is a product only warranty, not a fabrication and/or installation warranty.

Soft Chemical makes no express or implied warranty, including, without limitation, the warranties of the seller, use for a particular application or any course of dealing or trade usage regarding SchemaR® solid surface product (the "Product"). This warranty does not cover color reselect should you decide, during or after installation that you prefer a different color other than what you or your designee selected.

This warranty applies to the owner of a permanent installation of the Product only when installed by a Soft Chemical Certified fabricator/installer and following all Soft Chemical recommended procedures for fabrication and installation (the "Installation"). Furthermore, the installed product must be used and maintained in accordance with the instructions provided by Soft Chemical.

This warranty applies from the date of the initial installation for a period of 10 years thereafter subject to the following conditions:

1. The Installation is completed after August 1st, 2016 and is for commercial use only.
2. The Installation is internal and has not been moved from the original location. This warranty does not apply to external applications of the Product.
3. The Installation is done in accordance with the Fabrication Guide Book for transportation, storage, handling, fabrication, and installation provided by Soft Chemical. Improper fabrication and/or installation is the responsibility of the fabricator/installer.
4. The Product is properly maintained in accordance with Care and Maintenance Guideline. A copy of the guideline may be obtained at [www.softchem2000.com](http://www.softchem2000.com). Failure to follow the instructions may void this warranty.
5. This warranty DOES NOT COVER:



- a. The Product that have not been paid in full.
  - b. Issues or occurrences that are inherent characteristics of the Product, regardless of whether viewed as a defect by the purchaser.
  - c. Physical, chemical or other abuse including any use of the Installation that is unreasonable considering the normal and expected uses of such an installation in a residence, and including, but not limited to, damage from vandalism, contact with chemical reagents not intended for use with the Product, leaving substances, such as bleach or drain cleaner on the Product without prompt cleaning, or impact damage from the dropping of heavy objects.
  - d. Damage caused by prolonged or intense exposure to high temperature, including but not limited to exposure to a heat lamp or buffet top.
  - e. Damage caused by acts of nature, including but not limited to, fire, storms, floods, etc.
  - f. Conditions caused by normal wear and tear, for example this warranty does not cover: appearance of edges, appearance of finish, or surface scratches.
  - g. The Product installed in applications such as outdoors, BBQ installations, saunas and steam rooms.
  - h. Damage caused by workmanship of fabricators/installers.
  - i. Damage caused by any instability or improper support occurring in the property where the product has been installed, including but not limited to, shifting, settling, or movement of the substrate.
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  - k. Color variation from the sample
  - l. Variations in color and/or pattern on repair or replacement (exact matching of color on repair work performed in conjunction with this warranty is not guaranteed)
6. Soft Chemical will, at its sole option, repair or replace the Product that has a manufacturing defect covered by the terms of this warranty. If repair is not possible, Soft Chemical will replace the defective area of the Installation. Soft Chemical will cover the cost of labor in the actual performance of the repair or replacement of the Product. Any other costs will be the responsibility of the owner. Soft Chemical shall



## Warranty

SchemaR®

- not be liable for any other loss, damage or expense caused by the repair or replacement of the Product.
7. In the case that either a repair or a replacement occurs under this warranty, the warranty will continue from the original date of the Installation, and not from the date of the repair or replacement.
  8. To qualify for repair or replacement under this warranty, the owner will be required to present the original sales receipt or proof of purchase of SchemaR® products, clearly showing the date of purchase, address of the Installation and that the Installation was performed by a Soft Chemical Certified Fabricator/Installer.
  9. This warranty is transferable from a previous owner within the 10 year period from the original installation. The original purchase receipt or other acceptable documents will be required before warranty service is rendered. If transferred, the new owner must notify Soft Chemical in writing. The new warranty will be valid for the remaining time since the Installation.

This is the only commercial product warranty made by Soft Chemical for SchemaR® solid surface. No representative, dealer, sales person or any other party has the authority to make any other statements on behalf of Soft Chemical. Only the terms and conditions stated in this residential warranty statement are binding unless an authorized Soft Chemical employee authorizes change in writing

This warranty gives the purchaser special legal rights. Other rights may also be available, which may vary across countries, states and provinces, so the above limitation or exclusion may not apply to you.

To request warranty service, contact your original fabricator/installer. You must permit your Certified Fabricator/Installer to inspect your SchemaR® product, and you must reasonably cooperate with your installer in the efforts to provide service in conjunction with this warranty. For more information about this warranty, please contact Soft Chemical at the address below:



## Warranty

SchemaR®

Soft Chemical Co., Ltd.  
63, Geumhoseonmal-gil,  
Bugang-myeon, Sejong-si, 30077, South Korea  
PHONE: +82-44-275-1668  
FAX: +82-44-275-1669



Certificate No : RQM2207

## Quality Management System Certificate

This is to certify that  
the quality management system of

**SOFT CHEMICAL CO.,LTD.**

at

#63, Geumhoseonmal-gil, Bugang-myeon, Cheongwon-gun, Chungbuk, Korea

Has been found to conform to the Quality Management System Standards:

*KS Q ISO 9001:2009 / ISO 9001:2008*

This Certificate is valid for the following product or service ranges:

*Production of Solid Surface and CHIP*

Issue Date

May. 29. 2015

Certification Date : Jun. 3. 2014

Valid Date : Jun. 2. 2017



Authorized By

A handwritten signature in black ink, appearing to read 'Ki Ho Park'.

Ki Ho Park, President

- Mark indicates that KMAR is accredited by the KAB (No. KAB-QC-17)
  - Mark indicates that KMAR is Accredited by the member of the International Accreditation Forum Multilateral Recognition Arrangement
  - KS/C CODE :14, 16/ Initial certification date: Jun. 3. 2005
- KMAR/ 1dong, 12F, Ace High Tech City, #775, Gyeongin-ro, Yeongdeungpo-gu, Seoul, 150-972, Korea



Accreditation

SchemaR®

# NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Soft Chemical Co., Ltd

Republic of Korea

AS COMPLYING WITH NSF/ANSI 51 AND ALL APPLICABLE REQUIREMENTS.  
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE  
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program  
Hygiene Certification  
NSF  
Certification Program  
Accredited by the  
American National  
Standards Institute



Certification Program  
Accredited by the  
Standards Council  
of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in Listing for the referenced standards. For the most current and complete Listing information, please access NSF's website ([www.nsf.org](http://www.nsf.org)).

August 13, 2015  
Certificate# C0252069 - 01

Sarah Krol  
Global Managing Director, Food Safety Product Certification



Certificate No : R6051 - 1561

## CERTIFICATE OF INNO-BIZ

Company : SOFT CHEMICAL CO., LTD.  
C E O : KIM DONG WOOK  
Address : 63, GEUMHOSEONMAL-GILL, BUGANG-  
MYEON, SEJONG-SI, KOREA  
Validity of Certificate : 2015. 09. 01 ~ 2018. 08. 31

This is to certify that the above-mentioned Company is an INNO-BIZ enterprise in accordance with Article 15 of the Act on Promotion of Technology Innovation for SMEs.



Administrator

Small and Medium Business  
Administration  
Republic of Korea