



Pioneering the Future Throu

Humanity is looking forward to a wonderful future in the 21st century.

Chemistry has the power to provide such a future.

Sumitomo Seika is employing that power through innovative technologies to provide the world with products for a better life.



gh Chemistry



Responsible Care



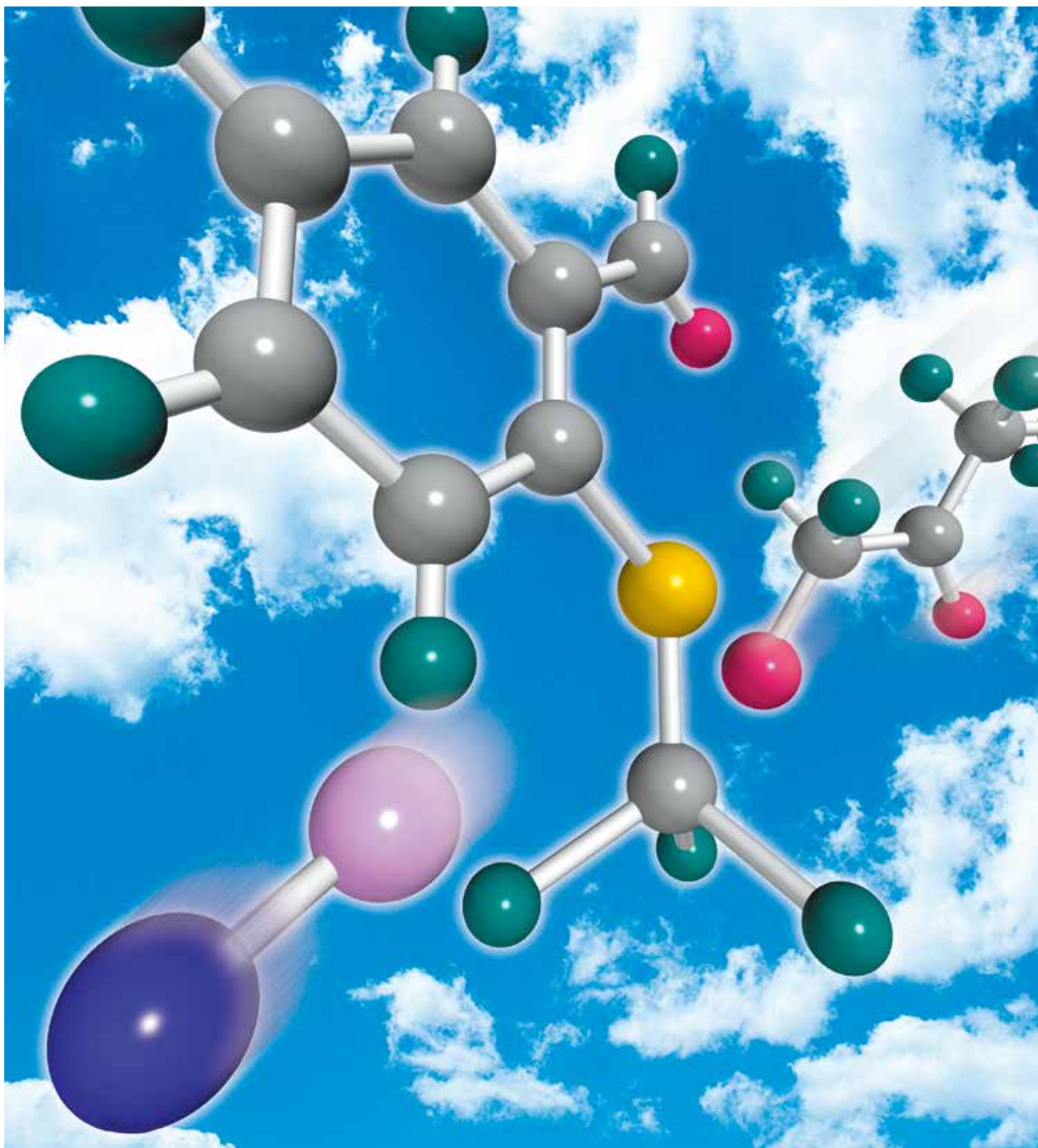
Responsible Care refers to voluntary activities to which companies manufacturing and/or handling chemical substances are committed with the aim of protecting "environment, safety and health" in all phases of the product cycle from development to disposal or recycling. Sumitomo Seika has been participating in Responsible Care activities since 1995, and promoting various activities in a systematic manner. The Responsible Care logo mark shown here is used by the Japan Chemical Industry Association.



c o n t e n t s

Fine Chemicals	2
Super Absorbent Polymers/Functional Chemicals	4
Gases	6
Engineering	8
Research and Development	10
Ensuring Safety, Environment and Quality Assurance	12
Business Locations in Japan	14
Overseas Network	16

Uncovering New Possibilities through Chemistry



Sumitomo Seika's pharmaceutical intermediates, various additives, and other fine chemical products are produced using innovative technologies and state-of-the-art automated plants. Our extensive lineup of industrial chemical products satisfy a wide range of needs.



● Large, multipurpose fine chemicals plant (MX Plant, Befu Works)



● Interior of the MX Plant

Pharmaceutical Intermediates and Related Products

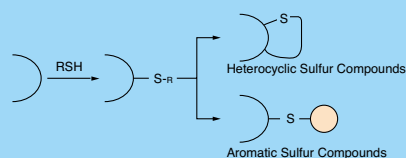
Pharmaceutical manufacturers around the world use our pharmaceutical intermediates. Advanced technologies as well as our flexible, short-lead-time production system and cGMP (Current Good Manufacturing Practice)-compliant quality control system enable rapid response to customer needs. We are also experienced at filing DMF (drug master files) with the U.S. Food and Drug Administration.

Versatile Multipurpose Facilities

Our versatile multipurpose equipment and facilities enable everything from laboratory-scale and pilot-scale production to full-scale mass production. The state-of-the-art MX Plant is designed to optimally utilize SR technology.

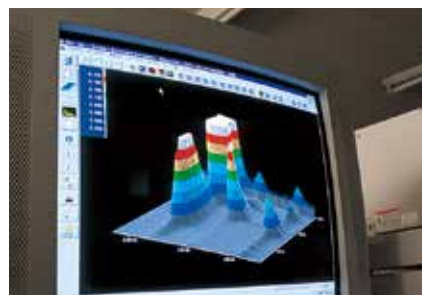
SR Technology

Featuring exceptional reactivity and broad application, our revolutionary SR technology enables production of an impressive array of new compounds. It is called "SR" because the key compounds synthesized all have a sulfur (S) molecule and an alkyl radical (R) in their structure.



Various additives

Sumitomo Seika also develops various additives. We offer products utilizing attributes unique to sulfur and halogen, such as photosensitive material additives and fluorescent brightening agents for thermoplastic resins.

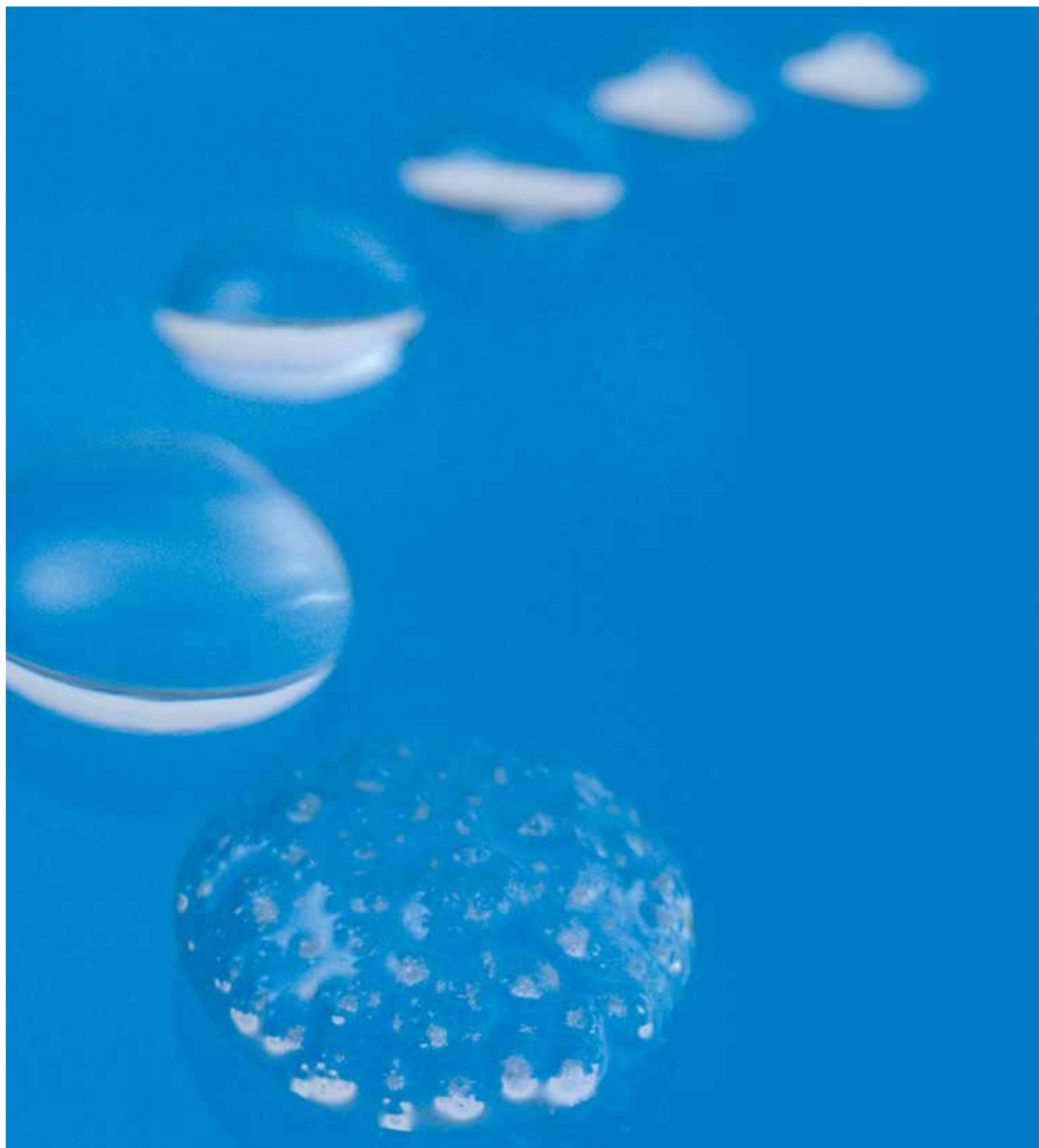


Industrial Chemicals

Our complete lineup of unique sulfur compounds, halogen compounds, and other basic chemical products have firmly established our position as one of the world's leading suppliers.



Chemicals for Daily Life



Advanced polymerization and fine-particulate technology are employed to create polymer products with a wide range of functions which are widely used in daily life to enhance comfort and convenience.



● The super water-absorbent polymer AQUA KEEP™ is used in disposable diapers and similar products.



● Applications for powdered plastics include coating materials for fences and resin modifiers.

AQUA KEEP™ Super Water-Absorbent Polymer

Sumitomo Seika is known for its super-absorbent polymers. Made possible by advanced polymerization technology, AQUA KEEP™ can absorb water several hundred times its own weight and is used worldwide in various products, such as disposable diapers. Our polymers are produced at the three production bases of Himeji Works in Japan, Sumitomo Seika Singapore, and Arkema in France (toll manufacture) for supply throughout the world, at a standard of quality that has been highly praised by both domestic and overseas users. The water-absorbent polymer AQUA CALK™ features thermoplastic and non-ionic properties, allowing it to be easily heat-treated and mixed with rubber and plastics to provide new functions.

Water-soluble Polymers

Water-soluble polymers provide many useful functions. Easily dissolved and dispersed in water, they are used as raw materials for a variety of common products. PEO™ is a thickener for papermaking, AQUPEC™ and HEC are used in cosmetics



● PEO™ (polyethylene oxide) is used in papermaking and other applications, and AQUPEC™ and HEC are used as a thickener for cosmetics and other products.

and other products, while AQUAANA™ is an adhesive for pulp material (pap).

Fine-particulate Polymers

The powdered plastic FLO-THERE™ is employed as a coating material for metal products, and FLO-THERE™ UF is used in molded FRP (fiber-reinforced plastic) bathtubs. FLO-BEADS™, a spherical powdered resin made possible by our advanced fine-particulate technology, is used in cosmetics and other applications.

Latexes and Emulsions

We have introduced numerous eco-friendly latex and emulsion products such as SEPOLEX™, SEPOLSION™ and ZAIKTHENE™ by processing synthetic rubber and synthetic resins with our advanced fine particulate technology.

Creating the Chemicals of Tomorrow



The chemicals of tomorrow will have to meet demanding environmental standards and incorporate new technologies. We produce a variety of industrial gases based on years of experience to provide custom-tailored products. Our technologies and products make life more comfortable, convenient, and enjoyable.



● Gas cylinders



● Clean room

■ Electronics Gases

Our products for the electronics industry include gases used in the production of semiconductors, LCD and LED. We are researching next-generation gas technologies to keep pace with the rapid advances in the electronics industry.

■ Reference Gases

In 1967, we succeeded in development of a gravimetric blending method of reference gas for the first time in the world and started manufacturing the reference gases used for calibrating measurement instrument and analytical devices by the method. Today, our unique synthesis and analysis technologies have made us the industry leader. Our reference gases

are used in a wide range of applications, such as for environmental measurement instruments, calibrating the analytical devices used in different industries, and for various forms of analysis and testing. Furthermore, we actively promote research and development aimed at improving our product quality.



■ Medical Gases

We also produce and sell medical gases, including nitrous oxide ("laughing gas"), an anesthetic which is used during surgical operations, and FUMIGATE, which is used for sterilizing medical instruments. Nitrous oxide gas is widely used for general anesthesia during medical procedures. It has a high-purity rate of over "five nine" (99.999%), and is manufactured in a clean factory in compliance with current medical GMP. The filling process is conducted in a clean room. As a medical supplier, we monitor the appropriate use of such products through periodical investigation of medical institutions even after market. We actively promote the development of new gas products and ensure delivery of our products using a reliable delivery system.



Innovation in Today's Era of Energy and the Environment



Sumitomo Seika's advanced gas purification and separation facilities utilize the PSA (pressure swing adsorption) method employing high-performance adsorbents. As a specialized engineering company, we meet customers needs utilizing a wealth of accumulated know-how and technology.



● PSA oxygen gas generator



● CAD technology is used for system design

■ PSA (Pressure Swing Adsorption) Gas Generators

Using the PSA method, gases can be separated and purified by varying the gas pressure to achieve repeated adsorption and desorption. After introducing Japan's first PSA nitrogen gas generators in 1979, we developed PSA oxygen generators and hydrogen generators, as well as systems for recovery and purification of CO₂, argon gas, and methane gas. Our highly energy-efficient separation technologies are replacing the cryogenic method, meeting the evolving needs of industry.

The PSA method is safe, reliable, highly cost-effective and efficient, conserving energy while protecting the environment. We are the world's largest manufacturer of PSA oxygen gas generators.

PSA systems are easy to install and operate, and are often used in combination with other systems, such as to produce natural gas by concentrating methane gas obtained from the separation of butane gas, and to supply oxygen for incinerating refuse and sewage sludge. Numerous new applications are being developed for this highly advanced separation technology.

PSA recovery and purification systems for CO₂ are attracting attention in the fight against global warming. These systems recover CO₂ and concentrate it to over 99% purity so it can be used in beverages and other applications.

The PSA method's potential is growing with the need for environmental protection, expanding into such areas as the separation and purification of useful gases, and low-cost on-site gas generation.

■ Equipment for the Electronics Industry

In the electronics industry, gas leaks can lead to serious accidents and must be promptly detected. Also, the toxic gases used in various processes must be treated to render them harmless. Sumitomo Seika produces a variety of specialized equipment to meet such needs.

Technology Recognized the World Over



Each of our research facilities gathers information to better understand changing needs. Looking ahead, we go beyond conventional thinking in our R&D, constantly incorporating new advances. Promising frontiers in chemistry are explored to develop highly innovative technologies based on original new concepts.

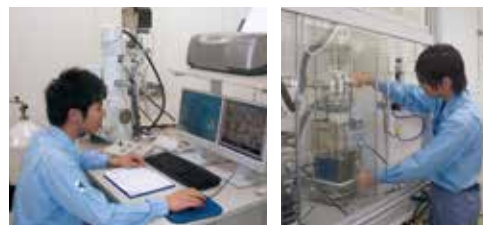
■ Functional Chemicals Research Laboratory (Befu)

Building on years of experience synthesizing sulfur and halogen compounds, the Functional Chemicals Research Laboratory (Befu) is pursuing new methods of synthesizing inorganic and organic fine chemicals and new compounds with unique properties. Employing the latest equipment to analyze the structures and evaluate the performance of chemical compounds, we are working on the development of high-performance materials, with the primary focus on researching pharmaceutical/agrochemical intermediates and energy-related functional materials.



■ Functional Chemicals Research Laboratory (Himeji) / Super Absorbent Polymers Research Laboratory

The Functional Chemicals Research Laboratory (Himeji) is involved in R&D of polymer products with unique functions, such as water-soluble macromolecules, fine-particulate polymers, latex, emulsion and new functional macromolecules, based on our many years of knowledge including polymerization technology and fine-particulate technology in order to meet the needs of industries in the fields of cosmetics, electronic materials, and industrial materials. Super Absorbent Polymers Research Laboratory is involved in leading-edge R&D of super absorbent polymers.



■ Fine Gases System Research Laboratory

The Fine Gases System Research Laboratory studies gas products and gas-related equipment utilizing our long-accumulated technologies such as gas synthesis technology, analysis technology, separation technology, and equipment development technology. In terms of gas products, we focus our research on the synthesis and high purification of gas, and in terms of equipment products, instruments utilizing gas separation, purification and recovery technologies are studied and developed. We will make further efforts to obtain optimum functional materials with our produced gas, and push the research and development of a wide variety of gas-based equipment.



Meeting Demanding Global Standards



■ For the Development of a Sustainable Society

In this modern world, while we have achieved a high standard of living, our rich natural environment, which we have enjoyed thus far, is under threat owing to the worsening of environmental issues, including global warming and environmental destruction caused by wastage and hazardous chemical substances.

Because of these situations, companies are expected to actively and autonomously contribute to the development of a sustainable society more than ever in order to secure the conservation of the environment and regain our rich natural environments.

We at Sumitomo Seika, strive to be a socially trustworthy entity by making every effort to tackle various safety and environmental issues with utmost sincerity, publishing the results of our activities publicly, and communicating with the society through dialogue.

Through these endeavors, we will make an active and autonomous commitment to grapple issues such as ensuring safety, environment and quality assurance while setting out Corporate Policy on Safety, Environment and Quality, and adhering to the spirit of Responsible Care.

■ Quality Assurance

We effectively and efficiently operate a Quality Management System certified under ISO 9001, the international standard aiming to supply quality products and services that are safe in use and meet customers needs. In addition, regarding the production of pharmaceutical ingredients and their intermediates, we have established a robust quality assurance system in accordance with the Good Manufacturing Practice Guidance (ICHGMP).

ICH: International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use.

■ What is Responsible Care?

Responsible Care refers to voluntary activities by companies handling chemical substances aimed at preserving "environment, safety and health" in all phases of the product cycle from development to disposal and recycling via production, distribution, use, and final consumption, while publishing results of activities and maintaining dialogue and communication with society.

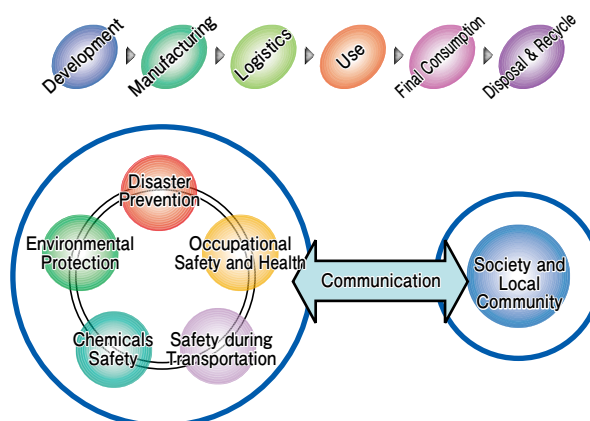
Corporate Policy on Safety, Environment and Quality

Sumitomo Seika Chemicals performs activities, conforming to Sumitomo's Business Principles, with the corporate mission of contributing to the growth of society through the supply of unique and quality products and services that draw upon the strength of the Company's innovative and advanced technologies as well as to the formation of sustainable society in promoting business and in accordance with the basic principles of achieving "zero-accident and zero-injury operations", ensuring "customer satisfaction" and promoting "co-prosperity with society", while maintaining the fundamental policy of "Safety Comes First".

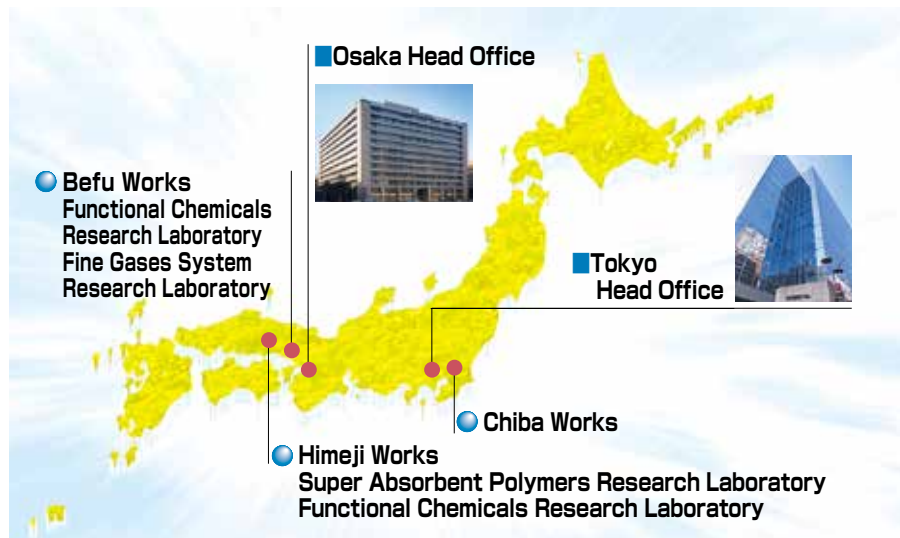
Based on these principles, Sumitomo Seika places the highest priority on realizing the following in tune with the objectives of the Responsible Care initiatives:

- 1.To ensure safety of employees and neighboring communities through continued achievement of "zero-accident and zero-injury operations";
- 2.To assure that all people concerned, including employees, logistics personnel, customers and general consumers, are free from health hazards, by ascertaining safety of raw materials, intermediates and products that the Company handles or supplies;
- 3.To supply quality products and services that are safe in use and meet customers' needs;
- 4.To protect the environment by assessing and reducing environmental load at all stages of a product lifecycle from development through disposal.

Each company section and every employee must fully recognize the vital importance of the above corporate policy and strive to address individual issues proactively and swiftly on their own initiatives and seek continual improvement in compliance with relevant laws and regulations.



Business Locations in Japan



● Production Facilities / Research Laboratory

Befu Works / Functional Chemicals Research Laboratory(Befu) / Fine Gases System Research Laboratory



The birthplace of Sumitomo Seika, the Befu Works is currently producing fine chemical and gas products.

Functional Chemicals Research Laboratory(Befu) and Fine Gases System Research Laboratory are set up at this site.

Address: 346-1 Miyanishi, Harima-cho, Kako-gun, Hyogo

Area: 250,000 m²

Employees: approx. 400

Products produced: Fine chemicals, basic chemicals, and gases



Himeji Works / Super Absorbent Polymers Research Laboratory / Functional Chemicals Research Laboratory(Himeji)

The Himeji Works produces water-absorbent polymers and various other polymers, as well as latex and other products. Super Absorbent Polymers Research Laboratory and Functional Chemicals Research Laboratory(Himeji) are set up at this site.

Address: 1 Irifune-cho, Shikama-ku, Himeji City, Hyogo
Area: 270,000 m²
Employees: approx. 350
Products produced: Polymers, basic chemicals, and gases



Chiba Works

This is the main production facility of the Gases Division and Functional Chemicals Division. Taking advantage of its location in the Kanto region, the Chiba Works produces gas products and powdered plastics.

Address: 1384-1 Kamikoya, Yachiyo City, Chiba
Area: 33,000 m²
Employees: approx. 80
Products produced: Gases and powdered plastics



OTHER SALES & PRODUCTION FACILITIES

Seika Engineering Co., Ltd.

Head Office: 346-1 Miyanishi, Harima-cho, Kako-gun, Hyogo
Line of business: Design and construction of various kinds of plants and tanks.

Seika Techno Services Co., Ltd.

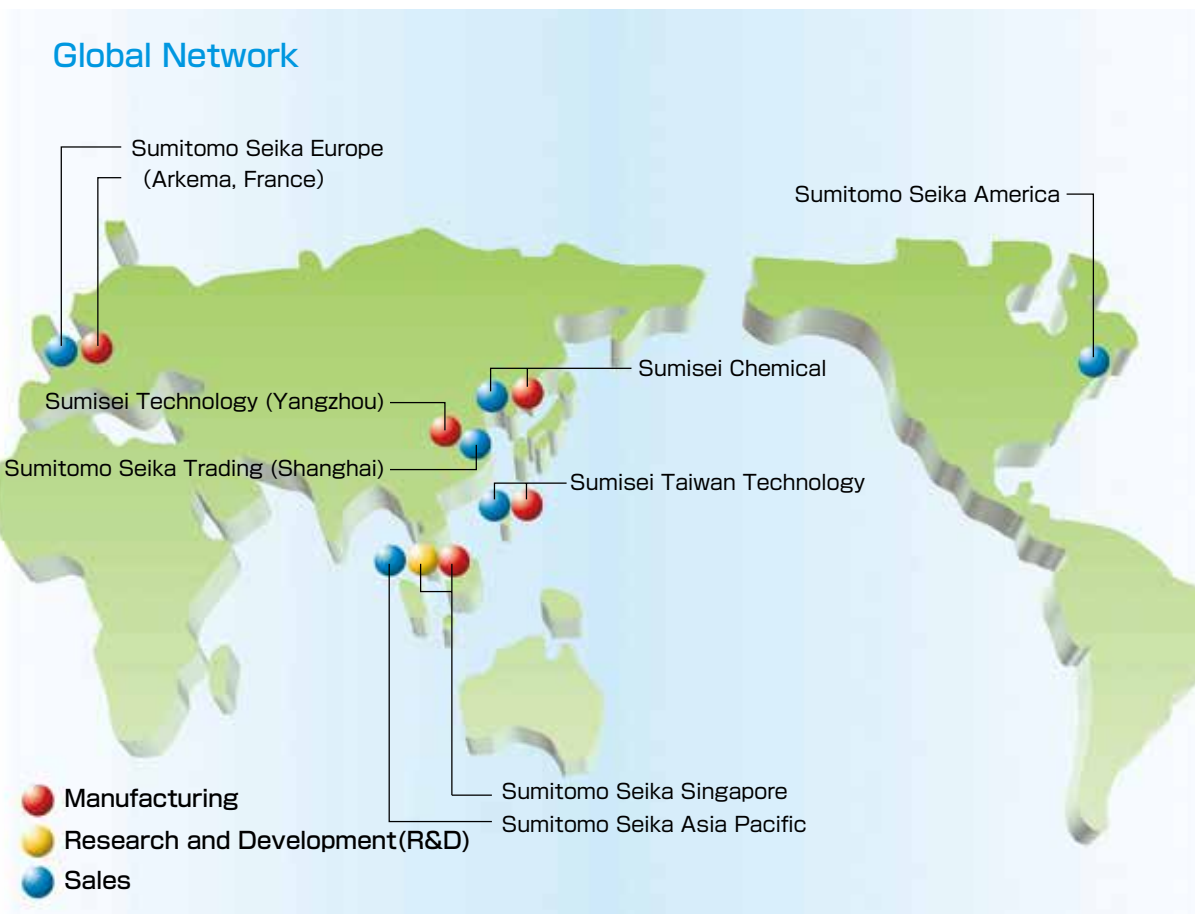
Head Office: 346-1 Miyanishi, Harima-cho, Kako-gun, Hyogo
Line of business: Various services.

Overseas Network

Challenge Global Competitions

With World-Class Technologies

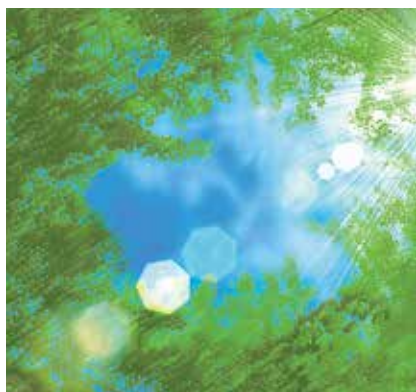
Sumitomo Seika products are widely exported throughout the world. In line with the continuing trend toward globalization, we are aggressively developing and expanding our overseas network.



Company Name	Country	Line of Business
Sumitomo Seika Singapore Pte. Ltd.	Singapore	Manufacturing of super absorbent polymers
Sumitomo Seika Asia Pacific Pte. Ltd.	Singapore	Sales of super absorbent polymers and chemical products
Sumisei Taiwan Technology Co., Ltd.	Taiwan	Manufacturing and Sales of electronic gases
Sumisei Chemical Co., Ltd.	Korea	Manufacturing and Sales of electronic gases
Sumitomo Seika Trading (Shanghai) Co., Ltd.	China	Sales of super absorbent polymers and gases products
Sumisei Technology (Yangzhou) Co.,Ltd.	China	Manufacturing of electronic gases
Sumitomo Seika Europe S.A./N.V.	Belgium	Sales of super absorbent polymers and chemical products
SSE's toll manufacturing(Arkema, France)	France	Toll manufacturing of super absorbent polymers
Sumitomo Seika America, Inc.	USA	Sales of super absorbent polymers and chemical products



The Sumitomo Group is a group of distinguished industrial, financial and commercial enterprises that share a mutual heritage of adherence to the business precepts established by the founder of the House of Sumitomo nearly 400 years ago. Emphasizing integrity, sound management and a progressive attitude, these principles have guided Sumitomo enterprises to positions of leadership in the fields of trade and industry. Although financially and managerially independent, Sumitomo Group companies are proud of their shared heritage.



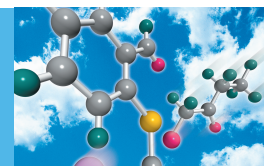
 **SUMITOMO SEIKA CHEMICALS CO.,LTD.**

General Affairs and Personnel Office (Public Relations)
The Sumitomo Building, 5-33, Kitahama 4-chome, Chuo-ku, Osaka 541-0041, Japan
TEL.06-6220-8508 FAX.06-6220-8541
<http://www.sumitomoseika.co.jp/>



This brochure has been printed with 100%
vegetable-oil-based ink.

Fine Chemicals



I. Pharmaceutical-related Products

Product Name	CAS No.	Major Applications
Bromovalerylurea	496-67-3	Bulk substance for hypnotics and sedatives (Japan Pharmacopoeia)
PCTP (4-chlorothiophenol)	106-54-7	Intermediate for pharmaceuticals and agricultural chemicals
NBC (4-nitrobenzen sulfonyl chloride)	98-74-8	Intermediate for pharmaceuticals
ABT (2-Acetyl benzo[b]thiophene)	22720-75-8	Intermediate for pharmaceuticals
TEP ((Z)-N-methyl-3-oxo-(2-thienyl)propeneamine)	663603-70-1	Intermediate for pharmaceuticals
MMTS (methyl methylthiomethyl sulfoxide)	33577-16-1	Synthetic reagent for intermediates of pharmaceutical chemicals
Various other important intermediates for pharmaceuticals (several dozen products)		

II. Various Additives

Product Name	CAS No.	Major Applications
DPDS (diphenyl disulfide)	882-33-7	Additive for functional polymers
DTDA (4,4'-Diaminodiphenyl disulfide)	33174-74-2	Additive for functional polymers
4SS (4,4'-Diacetylamino diphenyl disulfide)	16766-09-9	Additive for functional polymers
BSP (tribromomethyl sulfonyl pyridine)	59626-33-4	Additive for photosensitive resins
TBO (2,5-Bis (5-tert-butyl-2-benzoxazolyl) thiophene)	7128-64-5	Fluorescent brightener for thermoplastic resins

III. Various Industrial Chemicals

Product Name	CAS No.	Major Applications
Sulfur compounds		
Thiophenol	108-98-5	Raw material for pharmaceuticals and agricultural chemicals
Thioanisole	100-68-5	Raw material for pharmaceuticals, agricultural chemicals, and organic synthesis
Sulfolane (tetrahydrothiophene-1,1-dioxide)	126-33-0	B, T, X extraction solvent, reaction solvent
SFS (sodium formaldehyde sulfoxylate)	149-44-0	Discharge agent, polymerization accelerator
Chlorinated compounds		
Thionyl chloride	7719-09-7	Chlorinating agent for dyes, pharmaceuticals, agricultural chemicals, etc.
Sulfuryl chloride	7791-25-5	Chlorinating agent for pigments, agricultural chemicals, etc.
Liquid ammonia	7664-41-7	Raw material for fertilizers and chemical products
Aqueous ammonia	1336-21-6	Nox reduction, Raw material for chemical products

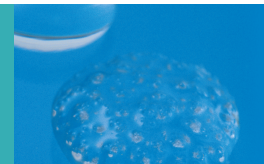
IV. Electrolyte solvents

Product Name	CAS No.	Major Applications
Sulfolane (tetrahydrothiophene-1,1-dioxide)	126-33-0	Electrolyte solvents, additive
EMH(ethyl methyl sulfone)	594-43-4	Electrolyte solvents, additive
EIPH(ethyl iso-propyl sulfone)	4853-75-2	Electrolyte solvents, additive

V. Functional Materials

Product Name	Major Applications
EST (quencher series)	Antioxidant for dyes
SDX (stabilized dye series)	Dye for FPD
TAS (triarylsulfonium series)	Photo acid generators
SBA (charge-discharge behavior improver series)	Additives for Lithium-ion rechargeable battery

Super Absorbent Polymers / Functional Chemicals



I. Water-absorbent Polymers

Product Name	Major Applications
AQUA KEEP™ (sodium polyacrylate-based super absorbent polymer)	Disposable diapers and other personal hygiene products, industrial materials, water-retention agent for agricultural and horticultural use, etc.
AQUA CALK™ (thermoplastic hydrophilic polymer)	Absorbent rubber, antistatic agent, solidifier for waste liquid, air freshening /deodorizing agents

II. Water-soluble Polymers

Product Name	Major Applications
PEO™ (polyethylene oxide) (non-ionic water-soluble resin)	Pulp-dispersing agent for papermaking, coagulant, binder for ceramics
AQUPEC™ (cross-linked carboxyvinyl polymer)	Thickener for cosmetics, pharmaceuticals and paints, sedimentation prevention agent, and dentifrice (thickening agent)
AQUAANA™ (partially neutralized polyacrylic acid)	Poultice material (pap), thickener
HEC (hydroxyethyl cellulose)	Thickener and stabilizer for cosmetics and paints, additive for polymerization
ESPESOL™ (liquid thermoplastic resin)	Textile finishing agent

III. Latex and Emulsion Products

Product Name	Major Applications
SEPOLEX™ IR100 (polyisoprene latex)	Medical gloves, binder adhesive
SEPOLSION™ G (olefinic resin emulsion)	Binder for glass fiber
SEPOLSION™ PA (copolyamide aqueous emulsion)	Inter-lining, adhesive for automotive seats
ZAIKTHENE™ (self-emulsifying type olefinic resin emulsion)	Heat-sealing adhesive for metal, paper, etc., ink binder
SEPOLEX™ CSM (Chlorosulfonated polyethylene latex)	Convergent agent for glass fiber, adhesive agent between rubber and fiber reinforcement

IV. Powdered Plastics

Product Name	Major Applications
FLO-THENE™ (powdered polyethylene)	Coating, hot-melt, rotational molding
FLO-THENE™ UF (ultrafine powdered polyethylene)	Modifier for FRP, dispersing agent for pigments
FLO-BLEN™ (powdered polypropylene)	Sintered molding, coating
FLO-BEADS™ (spherical powdered polyethylene)	Additive for cosmetics and paints, modifier for resins

Gases



I. Electronic Gases

Product Name	Major Applications
Semiconductor gases N ₂ O, NH ₃ , CO, NO, B ₂ H ₆ , SiH ₂ Cl ₂ , SiH ₄ , PH ₃ , C ₃ H ₆ , C ₃ H ₈ , HCl, BCl ₃ , CH ₄ , etc.	For epitaxy, CVD, doping, etching, and cleaning
Pressure regulators	Various type of gas and pressure regulators

II. Standard Gases and Medical • Chemical Gases

Product Name	Major Applications
High-purity gases N ₂ , Air, H ₂ , O ₂ , He, Ar, CH ₄ , CO, NO, Ne, Kr, Xe, etc.	For various analysis and tests, checking the zero point on analysis instruments, and as carrier gases
Mixed gases CO+N ₂ , CO ₂ +He+N ₂ , CH ₄ +Ar, CO ₂ +O ₂ , H ₂ +CH ₄ +C ₃ H ₈ , etc.	For burner tests, gas lasers, and testing deoxidation of iron ore
Standard gases CO/N ₂ , NO/N ₂ , CO ₂ /N ₂ , SO ₂ /N ₂ , C ₃ H ₈ /N ₂ , CO ₂ +O ₂ /N ₂ , NH ₃ /N ₂ , H ₂ S/N ₂ , etc. Standard gases for atmospheric and ecological environment measurements (HAPs, PAMS, NMOG, IAP, etc.)	For measuring air pollution levels, various plant controls, monitoring odors, and calibration of medical and other equipment For measurement of toxic air pollutants, photochemical smog monitoring stations, measurement of indoor air pollution, and measurement of compliance with new automotive exhaust regulations
Gases for precision industries H ₂ S, SO ₂ , NO, NO ₂ , etc.	For plastic lens monomer, metals refining, bleaching, various tests, and sterilizing
Medical gases, Gases for Medical Devices N ₂ O (Laughing gas Sumitomo Seika) C ₂ H ₄ O/CO ₂ (FUMIGATE™ 10 and 20) Cryogas	For general anesthesia (Japanese Pharmacopoeia) For sterilizing medical instrument and fumigation Refrigerant for Cryoablation
Gases used in daily life DME (Dimethylether) SO ₂ , N ₂ O	For aerosol propellants For food additives

Engineering



I. PSA Gas Generators and Related Products

	Product Machinery	Major Applications
PSA	PSA oxygen gas generators	For steelmaking, copper and zinc smelting, pulp bleaching, bio-engineering, waste water treatment, ozone generating systems, glass melting furnaces, and incinerator
	PSA nitrogen gas generators	Chemical seals, anti-oxidation seals, atmospheric gas, tire curing
	PSA hydrogen gas purification systems	Purification of hydrogen from cracking methanol and natural gas, hydrogen purification of coke oven gas and off-gas from petroleum refining
	Higt purity hydrogen gas generator	Optical glass fiber, float glass, hydrogenation and metal heat treatment
	PSA carbon dioxide gas recovery and purification systems	Carbon dioxide recovery and purification of exhaust gas from steel-making, coke oven gas and combustion exhaust gas
	PSA argon gas recovery and purification systems	Argon gas recovery and purification of off-gas from vacuum degassing furnaces and silicon monocrystal growth furnaces
	PSA methane gas recovery and purification systems	Recovery and purification of gas from anaerobic fermentation, purification of synthesized natural gas
	Various types of PSA gas purification and separation systems On-site service for gases is also available. Please contact us for more information.	Recovery and purification of He,Xe,Kr, etc.
Chemical plants	Liquefied carbon dioxide plants	Recovery of off-gas from petroleum refining, beer fermentation, etc.
	Hydrogen sulfide plants	Raw materials for chemical products
	Sulfur dioxide plants	Metal smelting

II. Equipment for Electronic industry

	Product Machinery	Major Applications
	High-efficiency gas-liquid contact apparatus (rotary atomizers) and various other types of gas disposal systems	For SiH ₄ , PH ₃ ,BCl ₃ ,HCl,Cl ₂ , etc.
	Gas concentration control systems	For fuel cells and multi-purpose gas mixtures

Sumitomo Seika Chemicals Company Limited

COMPANY OUTLINE (As of July 1, 2015)

Capital:

¥9,698 million

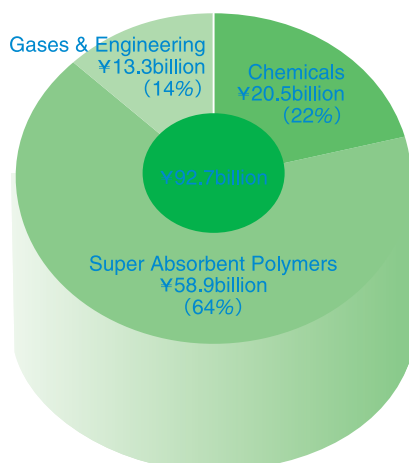
Employees: (As of March 31, 2015)

(Consolidated) 1,132
(Non - Consolidated) 877

Directors & Officers:

Representative Director President & CEO	Yusuke Ueda
Representative Director Managing Executive Officer	Mitsuji Adachi
Director Managing Executive Officer	Jiro Kawamoto
Director Managing Executive Officer	Kyoshi Yamamoto
Director Managing Executive Officer	Kenichi Miyatake
Director Managing Executive Officer	Shigeki Murase
Director Executive Officer	Kazuhiro Hamatani
Outside Director	Kunio Nozaki
Outside Director	Yasumi Katsuki
Outside Director	Masashi Kawasaki
Corporate Auditor (Full-time Auditor)	Toshihide Tsujitani
Outside Corporate Auditor	Kenya Nagamatsu
Outside Corporate Auditor	Nobuaki Mito
Outside Corporate Auditor	Kunio Miura
Managing Executive Officer	Eiichi Araki
Managing Executive Officer	Hideki Shirai
Executive Officer	Hiroshi Goda
Executive Officer	Yasuhiko Tsuji
Executive Officer	Hiromoto Shigeta
Executive Officer	Toshio Hayashi
Executive Officer	Hironobu Masumoto

Sales (Fiscal 2014)(Consolidated)



Company History

July 1944	Sumitomo Taki Chemical Co., Ltd. established as a joint venture between Sumitomo Chemical Co., Ltd. and Taki Fertilizer Co., Ltd. (currently Taki Chemical Co., Ltd.); Befu Works (Head Office factory) begins operations.
April 1946	Company name changed to Befu Chemical Industry Co., Ltd.
June 1960	Seitetsu Kagaku Co., Ltd. established as a joint venture between Fuji Steel Co., Ltd. (currently Nippon Steel & Sumitomo Metal Corporation) and Sumitomo Chemical Co., Ltd.; Himeji Works begins operations.
October 1961	Befu Chemical Industry Co., Ltd. and Seitetsu Kagaku Co., Ltd. merge and the company name is changed to Seitetsu Kagaku Co., Ltd.
June 1962	Begin design, manufacture and sales of engineering and chemical equipment.
October 1963	Begin manufacture and sales of powdered plastic.
December 1963	Begin specialty gas business.
April 1969	Chiba Works begins operations.
July 1979	Open multi-purpose facility for production of fine chemicals.
March 1983	Begin marketing PSA oxygen gas generators; open facility for production of super absorbent polymers.
June 1987	Open facility for production of gases for high-grade semiconductors.
October 1989	Company name changed to Sumitomo Seika Chemicals Company Limited.
December 1992	Open multipurpose facility for production of polymers.
March 1995	Begin manufacture and sales of cellulose products.
December 1996	Received ISO9002 registration to Befu, Himeji and Chiba works. (Received ISO9001 registration across the board in December 2002)
February 1997	Open large-scale versatile synthesis facility for production of fine chemicals.
June 1997	Received ISO9001 registration for the engineering department (PSA systems).
March 1999	Launch into the manufacture and sales of super absorbent polymers in Singapore.
July 2004	Befu, Himeji and Chiba Works are certified under ISO 14001.
April 2006	Begin manufacture and sales of electronics-use gases in Taiwan.
December 2007	Establish sales subsidiaries in Singapore, USA and Belgium.
April 2008	Acquire super absorbent polymer business from Arkema, France.
June 2008	Launch into the manufacture and sales of electronics-use gases in Korea.
February 2009	Befu, Himeji and Chiba Works acquired JISHA OSHMS (Occupational Safety and Health Management System) Standards certification.
March 2011	Launch into the manufacture and sales of electronics-use gases in China.

ORGANIZATION

