The Hodogaya Chemical Group's History of Innovation

1993 2006 2010 Hodogaya Contract Laboratory Co., Ltd. Düsseldorf Office opened. Some of the shares of Nippon Hodogaya Chemical was founded in 1916 as the first company in Japan to manufacture caustic soda using **1978** (incorporated in 2018) Polyurethane Industry Co., Ltd. sold. Hodogava Vandex Construction an electrolysis method. Tainei Office opened (all shares sold off in 2012.) **1994** Products Co., Ltd. established. Shares of SFC Co. Ltd. (Korea) Since its foundation 109 years ago, Hodogaya Chemical has responded to the needs of the times by (changed its name to Hodogaya HODOGAYA AGROTECH Co., Ltd. founded. **2008** acquired. applying technologies developed over the long years, and through continuous innovation, created a wide Construction Products Co., Ltd. in (Changed its name to HODOGAYA Office in Korea opened (incorporated in **2015** 2017). AGROTECH Co., Ltd. in 2011.) range of products from dyes and agricultural chemicals to pharmaceutical intermediates, polyurethane Company transitioned to one with HODOGAYA UPL Co., Ltd. established. materials and OLED materials, which support people's lifestyles and society. 1997 **1991** Audit & Supervisory Committee. Hodogaya Logistics Co., Ltd. founded. All members of the Hodogaya Chemical Group are committed to launching SPEED 25/30 as a corporate Tsukuba Research Laboratory Shanghai Office opened. was established. group that contributes to the development of society through the creation of products and services that Celebrated its 100th anniversary (Incorporated in 2014) benefit people for the next 100 years. **2022 1967** Transition to the Prime Market of the New York Office opened. Tokyo Stock Exchange **1939 1916** (incorporated in 1986) Head office moved (Shiodome) Tsurumi Plant (current Toyo Soda Co., Ltd. Yokohama Plant) was (present-day Koriyama **2023** 1971 established. Plant) opened. REXCEL CO., LTD. (Korea) added Nanyo Plant opened. 1915 Name changed to Hodogaya to scope of consolidation Chemical Co., Ltd. Hodogava Soda Works Completed construction of SFC BioPark (South Korea) founded in present-day Hodogaya Ward, Yokohama City, Kanagawa. * Non-consolidated figures through 1976, but consolidated figures since 1977 * The figures for 1946–1950 are unknown because of postwar disposal. (Maarch 31 each year) 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 1915 1926 1950 1963 1978 1984 2001 2004 Production of OLED OLED materials and electron Production of caustic soda Production of phosgene Production of Production of urethane Production of Charge transport using an electrolysis agrochemicals started. materials (PTG) launched. materials (CTM) materials and hole transport materials (ETM) started. charge control method launched (first for agents (CCA) for production launched. transport materials (HTM) developed. 1927 1966 toners launched Japan Dye production launched Hydrogen peroxide



production started.

1967

Developed various products that supported

Production of urethane waterproof materials started (first in Japan).





2017 Production of OXYATTACK

(disinfectant agent for food products), a peracetic acid formulation, started.

2023 嵀

2020

Net sales

12.0

8.0

4.0

Operating profit

| 120.0

80.0

40.0

Urethane waterproof material Sugomaku production launched.

2020

Mass production of materials for PCR diagnostic kits launched.

Broke free of chemical industry's reliance on imports Founder Otosuke Isomura

1914 World War 1923 The Great Kanto Earthquake Became an integrated chemicals manufacturer as society industrialized

> 1939 World War II

and modernized

1950s Postwar rebuilding

post-war recovery

1960s

1973 Rapid economic Oil crises Expanded business fields to electronic materials with an eye toward the advent of an electronics era

> 1985 1991 Plaza Accord Economic bubble burst

2008 The collapse of Lehman Brothers 2011 Great East Japan Earthquake

Created an environmentally conscious society through new materials

and products with a light environmental burden

2020 Novel coronavirus disease (COVID-19)

Original products (1916-) Caustic soda Salt electrolysis Chlorine Hydrogen

Raw materials and intermediates Major product groups Organic and optical device materials Various dves **Urethane materials** Pharmaceutical/agrochemical raw **Urethane waterproof materials** Various herbicides Hydrogen peroxide and its

-1980-2000 Present day Materials for copiers **Bio Business** Color filter dyes Aluminum coloring dyes **Stationery dyes** Dves for hair color treatment Raw materials of spandex Raw materials for release agents **Pharmaceutical intermediates** Construction materials Herbicides Technical grade active ingredients (in-house and in-licensed) **Agricultural materials** Hydrogen peroxide

Peracetic acid