





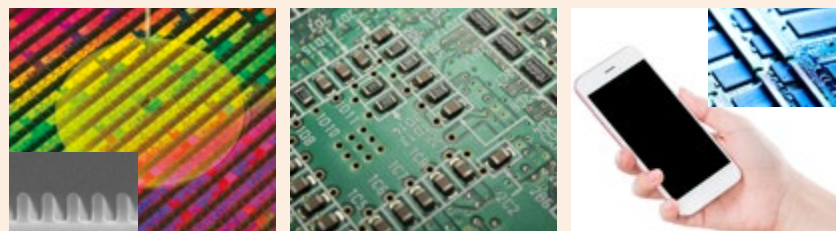
## Main Products

	Before 2000	After 2000			
Chemicals	<p><b>1964 Melamine</b> This is widely used as an adhesive agent for plywood, laminated sheets, molded products, resin finish for fabric and paper, and paint. It is highly aesthetic and offers a substantial level of quality. As a pioneer of its own high-pressure process, Nissan Chemical supplies products both domestically and internationally.</p>	<p><b>1965 HI-LITE®</b> Chlorinated isocyanurate is the main ingredient in this product, which is used for sterilization and disinfection of swimming pools and water purification tanks, and thus contributing to public hygiene.</p>	<p><b>1978 TEPIC®</b> TEPIC® is an epoxy compound which possesses excellent heat resistance, weather resistance, and transparency. It is widely used in semiconductors, LEDs, and substrate-related electronic materials as well as in powder coating curing agents.</p>		
	<p><b>1951 SNOWTEX®</b> SNOWTEX® is a colloidal solution in which ultrafine particles of silicic acid anhydride are dispersed in water using water as a dispersion medium. Utilizing various functions, it is used for a wide range of products such as batteries, coating materials for optical films, electronic substrate materials, and abrasives for manufacturing electronic recording media.</p>	<p><b>1989 SUNEVER®</b> SUNEVER® is a polyimide-based liquid crystal alignment material. It is used to coat the surface of the outer glass panels, to align liquid crystal molecules in a certain direction.</p>	<p><b>1998 ARC®*1</b> ARC® is an anti-reflective coating developed for semiconductor lithography. It is used to coat the part under the photoresist, to resolve a number of issues with lithographic exposure such as reflection from varying substrate levels. This makes it possible to significantly reduce the device failure rate.</p>		
Agricultural Chemicals	<p><b>1989 SIRIUS®</b> To meet the needs of farmers, we develop and sell a large number of one-shot herbicides for paddy rice. The main component of these herbicides is SIRIUS®, our proprietary active ingredient.</p>	<p><b>1991 SANMITE®</b> This insecticide / acaricide is effective against spider mites and rust mites in fruit trees, as well as spider mites and whiteflies in vegetables. We also market this product in about 30 overseas countries.</p>	<p><b>1994 PERMIT®</b> We market PERMIT®, our proprietary active ingredient which is particularly effective against cyperaceous weeds, in Japan under the trade names of HICUT®, which is a herbicide for paddy rice in the mid to late term that is highly effective against the pesky weed Eleocharis kuroguwai, and INPOOL® for lawns.</p>	<p><b>2002 ROUNDUP®</b> We acquired business rights in Japan for ROUNDUP®, an herbicide used all over the world which has low toxicity to humans and animals and does not remain in the soil or in the environment.</p>	
	<p><b>1994 LANDEL®</b> LANDEL® is a calcium antagonist which has shown to have a positive effect on hypertension and angina pectoris.</p>				
Pharmaceuticals					

## FY2019

### 2005 AdBlue®<sup>2</sup>

AdBlue® is a high-grade urea solution used in “urea SCR system”, a technology for purifying emissions. When sprayed onto emissions from diesel vehicles, it breaks down nitrogen oxide (NO<sub>x</sub>) into harmless nitrogen and water, which helps to reduce environmental impact.



**2008 LEIMAY®**  
LEIMAY® is a fungicide that works in a specific way on diseases caused by oomycetes and myxomycetes used as an atomizing agent for potatoes, grapes, and vegetables.

**2013 ALTAIR®**  
ALTAIR® is a wide-spectrum herbicide that is highly effective in eliminating bulrush and cyperaceous perennial weeds. It is also effective for weeds that are resistant to conventional sulfonylureabased herbicides. We market this product in Japan, South Korea, and China.



**2013 Fluralaner**  
Fluralaner is a compound invented by Nissan Chemical Corporation used as an active ingredient in the veterinary pharmaceutical “BRAVECTO®<sup>3</sup>” developed by MSD Animal Health (MAH). It is manufactured by Nissan Chemical Corporation, and supplied to MAH as a veterinary pharmaceutical substance. Fluralaner has remarkable characteristics: it acts rapidly against major species of fleas and ticks and has a longer insecticidal effect than existing products as its effects remains even when highly diluted.

**2018 GRACIA®**  
GRACIA® is a pesticide that was developed in-house that is fast-acting on a wide range of crop pests and has little impact on honeybees which are useful insects. Released in South Korea in 2018 and went on sale in Japan in 2019.

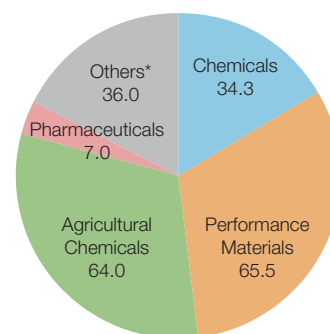


### 2003 LIVALO®

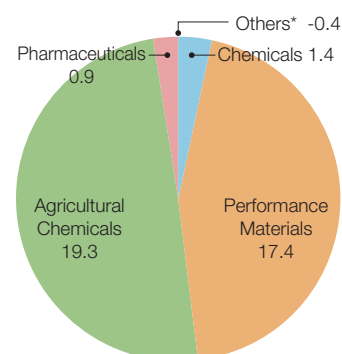
This is a statin agent that greatly reduces LDL cholesterol and causes fewer drug-interactions, offering the advantage of safety.



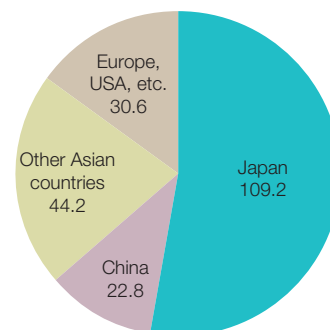
### Sales according to segment (billion yen)



### Operating income according to segment (billion yen)



### Sales according to region (billion yen)



\* Others: trading, others and adjustment

<sup>1</sup> ARC® is a registered trademark of Brewer Science, Inc.

<sup>2</sup> AdBlue® is a registered trademark of the Verband der Automobilindustrie.

<sup>3</sup> BRAVECTO® is a registered trademark of Intervet International B.V. and Intervet Inc.