

Main Products and Services

In response to the ever-changing needs of society, we will advance R&D on “Must-Have” products and services so that we can hear our customers’ voice, such as “it doesn’t work without this product” and “this product is irreplaceable”.

Chemicals

Basic Chemicals

High-purity chemicals

Agents used for semiconductors/LED require extremely high purity. We provide sulfuric acid, nitric acid and ammonia to this industry, receiving high acclaim in the process.

AdBlue®^{*1}

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 (NOx) into harmless nitrogen and water, which helps to reduce environmental impact.



Fine Chemicals

HI-LITE®

Chlorinated isocyanurate is the main ingredient in this product. It is used for sterilization and disinfection of swimming pools and water purification tanks, and thus contributes to public hygiene.

TEPIC®

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.



^{*1} AdBlue® is a registered trademark of the Verband der Automobilindustrie (VDA).

Performance Materials

Display Materials

SUNEVER®, Rayalign®

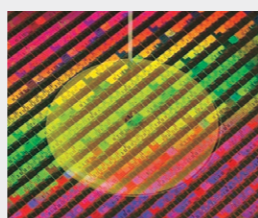
These are polyimide-based liquid crystal alignment materials used to coat the surface of the outer glass panels to align liquid crystal molecules in a certain direction.



Semiconductor Materials

ARC®^{*2}

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.



Inorganic Materials

SNOWTEX®

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 coating materials for optical films and abrasives for electronic substrate materials.

^{*2} ARC® is a registered trademark of Brewer Science, Inc.

Agricultural Chemicals

Agrochemicals

ROUNDUP®

ROUNDUP® is a 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. In 2002, we acquired exclusive marketing rights in Japan from Monsanto.

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 sulfonylurea-based herbicides. We market this product in Japan, South Korea, China and other Asian countries.

GRACIA®

GRACIA®, a pesticide developed in-house, 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.



Veterinary Pharmaceuticals

Fluralaner

Fluralaner is a compound invented by Nissan Chemical used as an active ingredient in the veterinary pharmaceutical “BRAVECTO®^{*3}” developed by MSD Animal Health (MAH). We manufacture and supply it to MAH as an API of veterinary pharmaceuticals. Fluralaner has remarkable features: it is highly safe and 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.



^{*3} BRAVECTO® is a registered trademark of Intervet International B.V. and Intervet Inc.

Healthcare

Healthcare

LIVALO®^{*4}(API)

Featured by its potent LDL cholesterol-lowering effect and few drug-drug interactions, LIVALO® is used in the treatment of hyperlipidemia.

LANDEL®^{*5} (API)

LANDEL® is a long-acting calcium antagonist featured by its renoprotective effect and used in the treatment of hypertension and angina pectoris.

Custom Chemicals

The Onoda Plant manufactures active pharmaceutical ingredients (APIs) and their intermediates. In addition to GMP compliance, it is regularly inspected by domestic and foreign regulatory authorities as well as by customers to whom it delivers APIs, and its level of quality is highly evaluated.

Maxacalcitol

Maxacalcitol is used in the treatment of psoriasis vulgaris and secondary hyperparathyroidism.

Eldecalcitol

Eldecalcitol increases bone mass and is used in the treatment of osteoporosis.



^{*4} LIVALO® is a registered trademark of Kowa Company, Ltd. ^{*5} LANDEL® is a registered trademark of Zeria Pharmaceutical Co., Ltd.