

NIPPON KAYAKU AT A GLANCE

List of Business Areas and Major Products

Pharmaceutical Business

We manufacture and sell anti-cancer drugs, cardiovascular drugs, immunosuppressants, and other pharmaceuticals and diagnostics for prescription. In the anti-cancer drug field in particular, we offer a lineup of 13 anti-cancer drug products, and are at the top level worldwide both in terms of technology and business performance. We are working with cutting-edge technologies, and have recently entered the clinical phase in the development of DDS (drug delivery system) pharmaceuticals utilizing nanotechnology.



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Major Products

Year in parentheses is when product was launched.

Anti-cancer Drugs and Cancer-related Drugs

- IMMUCYST (2003)
- Hycamtin (2003)
- MS-TWICELON (2001) ①
- Aredia (2001)
- FARESTON (1995)
- ODYNE (1994)
- STARASID (1992)
- PINORUBIN (1988)
- LASTET (1987)
- BESTATIN (1987)
- RANDA (1984) ②
- PEPLEO (1981)
- BLEO (1969)



②

Immunosuppressants

- SPANIDIN (1994) ③



③

Cardiovascular Drugs

- ADEHL (1999)
- MILLISTAPE (1998)
- NITROPEN TABLETS (1988)
- MILLISROL (1984) ④
- NITROGLYCERINE TABLETS (1953)



④

Neurological Drugs

- SALIGREN (2001)
- MUSCALM (1975)



⑤

Other Drugs

- ASTRIC DRY SYRUP (2002) ⑤

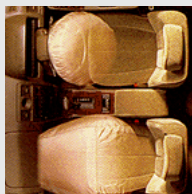


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Diagnostics

- LANA MAMMO CARD CEA (2002) ⑥
- LANA TP AUTO (2001)
- LANA 1,5AG AUTO LIQUID (2000)
- LANAZYME BFP PLATE (2000)
- LANAZYME ST-439 PLATE (1999)

Fine Chemical Business



Inflators

Based on a Japan-U.S.-Europe tripartite global system, we manufacture and sell airbag inflators, micro gas generators (MGG) for seatbelt pretensioners, and squibs (igniters).

Catalysts

We are engaged in manufacture, sales, and plant license business for acrylic acids and other catalysts used in manufacturing.

Major Products

- Catalysts
- Plant License Business



Functional Products

We manufacture and sell special epoxy resins, UV-curing resins, acrylic-based polymers, and polymer flocculants. Moreover, our consolidated subsidiary Polatech manufactures and sells polarizing films, special treated films, and other optical films.

Major Products

- Epoxy Resins (EOCN-1020, EPPN-500, NC-3000, BREN)
- KAYATORON
- KAYAHARD
- KAYARAD
- KAYAMER
- KAYACURE
- KAYANOVA
- KAYASORB
- KAYAMIRROR



Color Chemicals

We manufacture and sell dyes, as well as color chemicals for non-textile use.

Major Products

- KAYALON POLYESTER
- KAYACRYL-ED
- KAYACELON REACT
- KAYARUS
- KAYACION
- KAYAFECT
- KAYAPHOR LIQUID
- Colors for Color Inkjet Printers



Explosives

We manufacture and sell explosives, black powder, and pyrotechnic products.

Major Products

- Dynamite
- Slurried Explosives
- Ammonium Nitrate Fuel Oil Explosive (ANFO Explosive)
- Black Powder
- Electric Detonators

Agro & Specialty Chemical Business

Agrochemicals

We manufacture and sell agrochemicals and similar products.

Major Products

- DIAZINON
- MATRIC
- PROPETAMPHOS
- CYCLOSAL
- MCPB
- CHLOROPICRIN
- CUCUMERIS
- RATDEN
- NAMEHUNTER
- EVISECT



Specialty Chemicals

We manufacture and sell API for pharmaceuticals, intermediates, and chemical products.

Major Products

- Active Pharmaceutical Ingredients
- Intermediates for Pharmaceuticals and Agrochemicals
- PANAKAYAKU
- Methionine for Animal Feed
- Specialty Chemicals for High Performance Products



■ Fusion of Intellectual Assets and Concentration of Resources

Nippon Kayaku is proceeding with new business development in mature fields and growth fields, aimed at achieving our goal of 150 billion yen in consolidated net sales. We will accomplish this by creating a fusion of the intellectual assets we have previously accumulated in a broad range of fields, and by concentrating our business resources.

