# Summary of Consolidated Financial Results For the First Quarter of the Fiscal Year Ending March 31, 2009 

August 8, 2008

## Company name: Nippon Shokubai Co., Ltd.

Code number: 4114
Stock exchange: TSE, OSE (First Section)
URL http://www.shokubai.co.jp/

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(Figures are rounded off to the nearest million yen)

1. Consolidated Financial Results for the First Quarter of the Fiscal Year Ending March 31, 2009 (from April 1, 2008 to June 30, 2008)
(1) Consolidated Operating Results (Cumulative)

|  | Net sales | Operating income | Ordinary income | Net income |
| :---: | :---: | :---: | :---: | :---: |
| Three months ended | Millions of yen \% | Millions of yen \% | Millions of yen \% | Millions of yen \% |
| June 30, 2008 | 83,168 | 3,659 | 5,114 | 3,318 |
| Three months ended June 30, 2007 | 72,173 14.5 | 4,023 -30.4 | 5,180 -21.7 | 2,972 -22.3 |


|  | Net income per <br> share | Fully diluted net <br> income per share |
| :---: | :---: | :---: |
| Three months ended | Yen | Yen |
| June 30, 2008 | 18.37 | - |
| Three months ended | 16.16 | - |
| June 30, 2007 |  |  |

(2) Consolidated Financial Position

|  | Total assets | Net assets | Equity ratio | Net assets per share |
| :---: | :--- | :--- | :---: | :---: |
|  | Millions of yen | Millions of yen | $\%$ | Yen |
| As of June 30,2008 | 357,243 | 172,826 | 47.3 | 939.06 |
| As of March 31,2008 | 352,783 | 175,634 | 48.6 | 947.34 |

(Reference) Equity as of June 30, 2008: $¥ 168,922$ million and as of March 31, 2008: $¥ 171,489$ million

## 2. Dividends

|  | Dividend per share |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | End of Q1 | End of Q2 | End of Q3 | Year-end | Annual |
| Year ended <br> March 31, 2008 | Yen | $\begin{aligned} & \text { Yen } \\ & 8.00^{\prime} \end{aligned}$ | Yen | $\begin{aligned} & \text { Yen } \\ & 8.00 \end{aligned}$ | $\begin{aligned} & \text { Yen } \\ & 16.00 \end{aligned}$ |
| Year ending <br> March 31, 2009 | - |  |  |  |  |
| Year ending March 31, 2009 (Forecast) |  | 8.50 | - | 8.50 | 17.00 |

Note: Revisions to the dividend forecast made during the first quarter: None
3. Consolidated Earnings Forecast for the Year Ending March 31, 2009 (from April 1, 2008 to March 31, 2009)

|  | Net sales | Operating income | Ordinary income | Net income | Net income per share |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Six months ending | Millions of yen \% | Millions of yen \% | Millions of yen \% | Millions of yen \% | Yen |
| September 30, 2008 | 162,000 | 7,600 | 8,500 | 5,000 | 27.73 |
| Full year | 345,000 14.0 | 20,000 8.8 | 22,000 6.0 | 13,600 14.5 | 75.84 |

Note: Revisions to the consolidated earnings forecast made during the first quarter: None

## 4. Other

(1) Changes in significant subsidiaries during the period (changes in specific subsidiaries that affect the scope of consolidation): None
(2) Application of simplified accounting methods and accounting methods peculiar to the preparation of quarterly consolidated financial statements: None
(3) Changes in accounting principles/procedures, presentation methods, etc. for the preparation of quarterly consolidated financial statements (that are to be stated in the section of Changes in Significant Matters, etc. on which the Preparation of Quarterly Consolidated Financial Statements is Based)
(1). Changes due to the revision of accounting standards, etc.: Yes
(2). Other changes: Yes
(4) Number of shares issued (common stock)
(1). Number of shares issued (including treasury stock):
$\begin{array}{ll}\text { As of June 30, } 2008 & 187,000,000 \\ \text { As of March 31, } 2008 & 194,881,287\end{array}$
(2). Number of treasury shares at end of period:

As of June 30, $2008 \quad 7,115,140$
As of March 31, $2008 \quad 13,859,502$
(3). Average number of shares outstanding during the period (cumulative quarters):

Q1 of the fiscal year ending March 31, 2009 180,585,663
Q1 of the fiscal year ended March 31, 2008 183,886,688

## (Remarks)

- Explanation regarding the proper use of earnings forecasts and other special remarks:

With effect from April 1, 2008, the company adopted the "Accounting Standard for Quarterly Financial Reporting" (Accounting Standards Board of Japan (ASBJ) Statement No.12) and the "Guidance on Accounting Standard for Quarterly Financial Reporting" (ASBJ Guidance No.14). The company also prepares its quarterly consolidated financial statements in accordance with the "Regulations on Quarterly Consolidated Financial Statements."

Forward-looking statements contained in this document including earnings forecasts are based on the information currently available and certain assumptions deemed reasonable by company management; actual results may differ significantly from these forecasts due to various factors.

- The original, written in Japanese, of this information is prepared in accordance with Japanese standard. This is a voluntary translation of the original provided by the company for convenience of readers.


## [Qualitative Information, Financial Statements, etc.]

## 1. Qualitative Information on Consolidated Operating Results

During the first three months of the fiscal year ending March 31, 2009, the slowdown in the Japanese economy deepened amid soaring crude oil prices, a deceleration of the U.S. economy triggered by the subprime loan problem, and volatility in the stock and foreign exchange markets.

The outlook for the chemical industry, meanwhile, was clouded further by such factors as escalating raw material prices, currency fluctuations, and changes in international markets.
(1) Overview


Note: The ROA and ROE figures shown for each quarter are annualized rates.
Against this background, the consolidated net sales of NIPPON SHOKUBAI GROUP (the "Company") increased by $¥ 10,995$ million (15.2\%) from the same quarter of the previous fiscal year to $¥ 83,168$ million, owning to the reflection of a portion of ever-increasing raw material costs in product prices, brisk market conditions for some products (ethylene glycol and ethanolamine), and the inclusion of NIPPON NYUKAZAI Co., Ltd. in the scope of consolidation as a subsidiary.

With regard to income, however, operating income decreased by $¥ 364$ million ( $-9.1 \%$ ) from the same quarter a year earlier to $¥ 3,659$ million due to the impact of elevated raw material prices which were not fully absorbed by the adjustment of product prices, and cost reductions, particularly those realized as a result of the consolidation of acrylic acid plants in Himeji (following the closure of the Ehime plant and the expansion of the facility in Himeji).

Ordinary income decreased by $¥ 67$ million ( $-1.3 \%$ ) to $¥ 5,114$ million, reflecting the significant decline in operating income, although non-operating profit increased by $¥ 297$ million from the same quarter of the previous fiscal year due to better financial balance, foreign exchange gains, and gains on the sale of other assets. Meanwhile, net income for the first three months increased by $¥ 346$ million ( $11.6 \%$ ) from the corresponding period of the previous fiscal year to $¥ 3,318$ million.
(2) Overview by segment
© By business segment
[Basic Chemicals]
Sales of acrylic acid and acrylic esters grew owing to the adjustment of selling prices.

Sales of ethylene oxide also grew due to selling price revisions in response to price hikes in raw materials on the back of steady market demand.

Sales of ethylene glycol and ethanolamine rose thanks to market buoyancy backed by growing demand in China and other factors.

NIPPON NYUKAZAI Co., Ltd., in which shares were acquired in February 2008, also contributed to the
significant growth in sales.

As a result, the Basic Chemicals segment posted sales of $¥ 35,473$ million, up $34.5 \%$ over the first quarter of the previous fiscal year.

Operating income increased 3.8 -fold to $¥ 2,287$ million compared with the same quarter of the previous fiscal year owing to such factors as cost reductions achieved as a result of the consolidation of acrylic acid plants in Himeji, among other measures, and increased production with a higher operating rate pushing up profits, as well as brisk market conditions for some products, although a significant increase in raw material costs was not fully reflected in selling prices.

## [Functional Chemicals]

Sales of superabsorbent polymers fell due to a decline in sales in the North American market and the significant impact of a stronger yen, despite growth in sales volume, particularly in emerging markets.

Sales of maleic anhydride and electronic and information materials remained weak.

Sales of special esters, polymers for concrete admixtures, raw materials for detergents and resin modifiers increased owing to the adjustment of selling prices amid strong overseas demand.

Sales of resins for adhesives/paints and iodine compounds were also up due to selling price adjustments on the back of constant demand.

Sales of processed adhesive products stood at the same level as the same quarter of the previous fiscal year.

Sales of unsaturated polyester resins were down compared with the same quarter of the previous fiscal year due to the discontinuation of production and marketing at the end of September 2007.

As a result, the Functional Chemicals segment posted sales of $¥ 38,235$ million, almost on a par with the level for the same quarter of the previous fiscal year.

Operating income decreased by $66.5 \%$ from the same quarter of the previous fiscal year to $¥ 1,014$ million due to the significant impact of raw material price hikes that were not wholly reflected in selling prices.

## [Environment \& Catalysts]

Sales of automotive catalysts rose significantly owing to higher sales volume and higher selling prices following the sharp rise in precious metal prices.

Sales of De-NOx catalysts, as well as sales of equipment and catalysts for waste gas treatment, were up due to growth in sales volume.

Sales of process catalysts were down due to lower demand for replacements.

As a result, the Environment \& Catalysts segment posted sales of $¥ 9,461$ million, up $23.5 \%$ compared with the same quarter of the previous fiscal year.

Operating income increased 2.3 -fold to $¥ 855$ million due to the sales mix for process catalysts.
(O) By geographical segment
[Japan]
Sales increased by $23.0 \%$ from the same quarter of the previous fiscal year to $¥ 62,189$ million thanks to the contribution of sales of NIPPON NYUKAZAI Co., Ltd., in which shares were acquired in February 2008, product price revisions in response to surging raw material prices, and brisk market conditions for some
products (ethylene glycol and ethanolamine).

Operating income increased by $17.3 \%$ from the same quarter of the previous fiscal year to $¥ 3,894$ million owing to the cost reductions realized as a result of consolidating acrylic acid plants in Himeji, among other measures, and the increased production resulting from a higher operating rate, both of which contributed to boosting profits, as well as bullish market conditions for some products.

## [Europe]

Sales increased by $4.5 \%$ from the same quarter of the previous fiscal year to $¥ 10,576$ million due to growth in sales volume of superabsorbent polymers.

Operating income improved from a loss in the corresponding period last year to a gain of $¥ 106$ million owing to expanded sales volume.

## [Asia]

Sales decreased by $11.0 \%$ from the same quarter of the previous fiscal year to $¥ 6,502$ million due to lower sales of superabsorbent polymers as well as the significant impact of the decline in sales volume for acrylic acid and acrylic esters.

Operating income increased by $¥ 40$ million from the same quarter of the previous fiscal year to $¥ 156$ million because of a slight improvement in profit margins, despite lower sales volume.
[Other regions]
Sales declined by $6.9 \%$ from the same quarter of the previous fiscal year to $¥ 3,900$ million, affected significantly by a decline in sales volume for superabsorbent polymers, although sales of polymers for concrete admixtures and raw materials for detergents grew.

Operating income decreased by $¥ 561$ million from the same quarter of the previous fiscal year to a loss of $¥ 297$ million due to a decline in sales volume for superabsorbent polymers and markedly worse profitability due to a sharp rise in raw material prices which was not fully reflected in selling prices, although increased sales of polymers for concrete admixtures had some positive effect.

## 2. Qualitative Information on Consolidated Financial Position

1. Consolidated Financial Statements
(1) Consolidated Balance Sheets
(Unit: Millions of yen)

|  | As of Jun. 30, 2008 | As of Mar. 31, 2008 (summary) |
| :---: | :---: | :---: |
| Assets |  |  |
| Current assets |  |  |
| Cash and deposits | 23,494 | 21,586 |
| Notes and accounts receivable-trade | 83,558 | 81,318 |
| Short-term investment securities | - | 200 |
| Merchandise and finished goods | 30,565 | 28,740 |
| Raw materials | 16,451 | 13,574 |
| Work in process | 9,131 | 8,885 |
| Supplies | 3,750 | 3,154 |
| Other | 11,323 | 11,312 |
| Allowance for doubtful accounts | (319) | (308) |
| Current assets | 177,953 | 168,461 |
| Noncurrent assets |  |  |
| Property, plant and equipment |  |  |
| Machinery, equipment and vehicles, net | 53,394 | 57,158 |
| Other, net | 67,796 | 68,434 |
| Accumulated impairment loss | $(1,456)$ | $(1,628)$ |
| Property, plant and equipment | 119,734 | 123,964 |
| Intangible assets |  |  |
| Goodwill | 2,201 | 2,318 |
| Other Intangible assets | 2,470 | 1,489 |
| Intangible assets | 4,671 | 3,807 |
| Investments and other assets |  |  |
| Investment securities | 39,166 | 39,127 |
| Other | 16,150 | 17,847 |
| Allowance for doubtful accounts | (430) | (423) |
| Investments and other assets | 54,885 | 56,551 |
| Noncurrent assets | 179,290 | 184,321 |
| Assets | 357,243 | 352,783 |
| Liabilities |  |  |
| Current liabilities |  |  |
| Notes and accounts payable-trade | 60,636 | 57,284 |
| Short-term loans payable | 34,168 | 27,571 |
| Current portion of long-term loans payable | 6,837 | 6,998 |
| Income tax payable | 2,134 | 2,982 |
| Provision for bonuses | 3,872 | 2,485 |
| Other provision | 3,688 | 4,066 |
| Other | 9,636 | 10,730 |
| Current liabilities | 120,971 | 112,116 |
| Noncurrent liabilities |  |  |
| Bonds payable | 20,000 | 20,000 |
| Long-term loans payable | 32,818 | 34,797 |
| Provision for retirement benefits | 8,231 | 8,153 |
| Other | 2,398 | 2,083 |
| Noncurrent Assets | 63,447 | 65,032 |
| Liabilities | 184,417 | 177,149 |

(Unit: Millions of yen)

|  | As of Jun. 30, 2008 | As of Mar. 31, 2008 <br> (summary) |
| :--- | ---: | ---: |
| Net assets |  |  |
| Shareholder's equity |  |  |
| Capital stock | 16,529 | 16,529 |
| Capital surplus | 13,562 | 13,567 |
| Retained earnings | 142,845 | 148,955 |
| Treasury stock | $(6,802)$ | $(13,552)$ |$|$| 165,499 |
| :--- |
| Shareholder's equity |
| Valuation and translation adjustments |
| Valuation difference on available-for-sale |
| securities |
| Deferred gains or losses on hedges |
| Foreign currency transition adjustment |

(2) Consolidated Statements of Income
(Unit: Millions of yen)

|  | Three months ended Jun. 30, 2008 (April 1, 2008 to June $30,2008)$ |
| :---: | :---: |
| Net sales | 83,168 |
| Cost of sales | 69,683 |
| Gross profit | 13,485 |
| Selling, general and administrative expenses |  |
| Transportation and warehousing expenses | 3,782 |
| Personal expenses | 1,774 |
| Research and development expenses | 2,807 |
| Other | 1,464 |
| Selling, general and administrative expenses | 9,826 |
| Operating income | 3,659 |
| Non-Operating income |  |
| Interest income | 65 |
| Dividends income | 512 |
| Equity in earnings of affiliates | 398 |
| Other | 1,092 |
| Non-Operating income | 2,068 |
| Non-Operating expenses |  |
| Interest expenses | 351 |
| Other | 262 |
| Non-Operating expenses | 613 |
| Ordinary income | 5,114 |
| Income before income taxes | 5,114 |
| Income taxes-current | 2,123 |
| Income taxes-deferred | (397) |
| Income taxes | 1,726 |
| Minority interests in income | 70 |
| Net income | 3,318 |

(Unit: Millions of yen)

|  | Three months ended Jun. 30, <br> 2008 (April 1, 2008 to June <br> 30,2008) |
| :--- | ---: |
| Net cash provided by (used in) operating activities |  |
| Income before income taxes | 5,114 |
| Depreciation and amortization | 4,349 |
| Interest and dividends income | $(577)$ |
| Interest expenses | 351 |
| Equity in (earnings) losses of affiliates | $(398)$ |
| Decrease (increase) in notes and accounts receivable-trade | $(3,339)$ |
| Decrease (increase) in inventories | $(6,658)$ |
| Increase (decrease) in notes and accounts payable-trade | 4,469 |
| Other, net | 2,131 |
| Subtotal | 5,442 |
| Interest and dividends income received | 1,434 |
| Interest expenses paid | $(327)$ |
| Income taxes paid | $(2,934)$ |
| Other payments | $(596)$ |
| Net cash provided by (used in) operating activities | 3,020 |
| Net cash provided by (used in) investment activities |  |
| Purchase of property, plant and equipment | $(4,991)$ |
| Purchase of investments securities | 567 |
| Other, net | 431 |
| Net cash provided by (used in) investment activities | $(3,994)$ |
| Net cash provided by (used in) financing activities |  |
| Net increase (decrease) in short-term loans payable | 7,333 |
| Proceeds from long-term loans payable | 491 |
| Repayment of long-term loans payable | $(2,040)$ |
| Cash dividends paid | $(1,448)$ |
| Cash dividends paid to minority shareholders | $(18)$ |
| Purchase of treasury stock | $(919)$ |
| Other, net | 1 |
| Net cash provided by (used in) financing activities | 3,400 |
| Effect of exchange rate change on cash and cash equivalents | $(518)$ |
| Net increase (decrease) in cash and cash equivalents | 1,908 |
| Cash and cash equivalents at beginning of term | 21,371 |
| Cash and cash equivalents at end of term | 23,279 |
|  |  |

## 2. Segment information

(1). By business segment

Results for the first three months (from April 1, 2008 to June 30, 2008)
(Unit: Millions of yen)

|  | Basic <br> Chemicals | Functional <br> Chemicals | Environment <br> \& Catalysts | Total | Eliminations or <br> Corporate | Consolidated |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Sales | 35,473 | 38,235 | 9,461 | 83,168 |  | - |
| (1) Sales to third parties <br> (2) Intersegment sales and <br> transfers <br> $\quad$Total sales <br> Operating income | 9,863 | 475 | 973 | 11,312 | $(11,312)$ | - |
|  | 45,336 | 38,709 | 10,434 | 94,480 | $(11,312)$ | 83,168 |
|  | 2,287 | 1,014 | 855 | 4,156 | $(497)$ | 3,659 |

Notes 1. Business segments are defined in view of similarities in types and characteristics of operations, etc.
2. Principal products by business segment:
(1)Basic Chemicals Acrylic acid, acrylic esters, ethylene oxide, ethylene glycol, ethanolamine, higher alcohol, and glycol ether
(2) Functional

Chemicals
(3) Environment \& Catalysts Superabsorbent polymers, intermediates for pharmaceuticals, polymers for concrete admixtures, electronic and information materials, iodine compounds, maleic anhydride, resins for adhesives/paints, molded plastics, and processed adhesive products
Automotive catalysts, De-NOx catalysts, dioxins decomposition catalysts, process catalysts, and equipment for exhaust gas treatment
3. Supplementary information

As described in the "Changes in accounting principles/procedures, presentation methods, etc. for the preparation of quarterly consolidated financial statements", the company and its domestic consolidated subsidiaries reexamined the useful lives for machinery and equipment following the amendment of the Corporation Tax Act and adopted the useful lives prescribed in the amended act. As a result, operating income from basic chemicals, functional chemicals and environment \& catalysts segments increased by $¥ 78$ million, $¥ 30$ million and $¥ 1$ million, respectively, compared with the amounts calculated using the method previously adopted.
(2). By geographical segment

Results for the first three months (from April 1, 2008 to June 30, 2008)

|  | Japan | Europe | Asia | Other <br> regions | Total | Eliminations <br> or Corporate | Consolidated |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Sales <br> (1) Sales to third parties <br> (2) Intersegment sales and <br> transfers <br> Total sales <br> Operating income (loss) | 62,189 | 10,576 | 6,502 | 3,900 | 83,168 | - | 83,168 |
|  | 9,653 | 11 | 479 | 16 | 10,160 | $(10,160)$ | - |
|  | 3,894 | 10,588 | 6,981 | 3,917 | 93,328 | $(10,160)$ | 83,168 |

Notes: 1. Segmentation of countries and regions is based on geographical proximity.
2. Major countries and regions included in the segments other than Japan:
(1) Europe: Belgium
(2) Asia: Singapore, Indonesia, China, and Taiwan
(3) Other regions: North America (the United States of America)
3. Supplementary information

As described in the "Changes in accounting principles/procedures, presentation methods, etc. for the preparation of quarterly consolidated financial statements", the company and its domestic consolidated subsidiaries reexamined the useful lives for machinery and equipment following the amendment of the Corporation Tax Act and adopted the useful lives prescribed in the amended act. As a result, operating income from Japan increased by $¥ 108$ million compared with the amount calculated using the method previously adopted.
(3). Overseas sales

Results for the first three months (from April 1, 2008 to June 30, 2008)
(Unit: Millions of yen)

|  | Asia | Europe | North <br> America | Other <br> regions | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| I. Overseas sales | 13,935 | 11,957 | 5,300 | 4,205 | 35,396 |
| II. Consolidated sales |  |  |  |  |  |
| III. Overseas sales as a <br> percentage of <br> consolidated sales | $16.7 \%$ | $14.4 \%$ | $6.4 \%$ | $5.1 \%$ | $42.6 \%$ |

Notes: 1. Segmentation of countries and regions is based on geographical proximity.
2. Major countries and regions included in the respective segments:
(1) Asia East Asian and Southeast Asian countries
(2) Europe

European countries
North American countries
(3) North America
(4) Other

Countries and regions other than Asia, Europe, North America and Japan
3. "Overseas sales" represent total sales of Nippon Shokubai Co., Ltd. and its consolidated subsidiaries generated in countries and regions other than Japan.
3. Notes on significant changes in shareholders' equity
(Unit: Millions of yen)

|  | Capital <br> stock | Capital <br> surplus | Retained <br> earnings | Treasury <br> Stock | Total <br> shareholders' <br> equity |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Balance as of March 31, 2008 | 16,529 | 13,567 | 148,955 | $-13,552$ | 165,499 |
| Changes during the $1^{\text {st }}$ quarter |  |  |  |  |  |
| Dividends from surplus | - | - | $-1,448$ | - | $-1,448$ |
| Net income | - | - | 3,318 | - | 3,318 |
| Purchase of treasury stock | - | - | - | -919 | -919 |
| Disposal of treasury stock | - | -0 | - | 1 | 1 |
| Retirement of treasury stock <br> (note) | - | -5 | $-7,663$ | 7,668 | - |
| Prior year adjustments in <br> overseas subsidiaries | - | - | -316 | -316 |  |
| Total changes during the 1 ${ }^{\text {st }}$ <br> quarter | - | -5 | $-6,110$ | 6,750 | 635 |
| Balance as of June 30, 2008 | 16,529 | 13,562 | 142,845 | $-6,802$ | 166,135 |

Note: On May 13, 2008, 7,881 thousand shares of common stock were retired.

## [Reference data]

Financial statements for the $1^{\text {st }}$ quarter of the previous fiscal year (from April 1, 2007 to June 30, 2007)
(1). Summary of consolidated statement of income for the $1^{\text {st }}$ quarter of the fiscal year ended March 31, 2008 (from April 1, 2007 to June 30, 2007)

| (Unit: Millions of yen) |  |
| :--- | ---: |
| Account title | Amount |
| Net sales | 72,173 |
| Cost of sales | 59,475 |
| Gross profit | 12,699 |
| Selling, general and administrative expenses | 8,676 |
| Operating income | 4,023 |
| Non-operating income | 1,734 |
| Non-operating expenses | 577 |
| Ordinary income | 5,180 |
| Income before income taxes | 5,180 |
| Income taxes | 2,173 |
| Minority interests in income | 36 |
| Net income | 2,972 |

(2). Summary of consolidated statement of cash flows for the $1^{\text {st }}$ quarter of the fiscal year ended March 31, 2008 (from April 1, 2007 to June 30, 2007)

| Account title <br> I. Net cash provided by operating activities <br> Income before income taxes <br> Depreciation and amortization <br> Decrease (increase) in notes and accounts receivable-trade <br> Decrease (increase) in inventories <br> Increase (decrease) in notes and accounts payable-trade <br> Other, net <br> Sub-total <br> Income taxes paid <br> Other payments and proceeds in operating activities <br> Net cash provided by operating activities | Amount |
| :---: | :---: |
|  |  |
|  | 5,180 |
|  | 4,128 |
|  | -2,706 |
|  | 440 |
|  | 1,530 |
|  | 1,619 |
|  | 10,191 |
|  | -3,540 |
|  | 872 |
|  | 7,523 |
| II. Net cash provided by investment activities |  |
| Purchase of property, plant and equipment | -4,677 |
| Payment for investments in capital | -117 |
| Collection of loans receivable | 276 |
| Other, net | 36 |
| Net cash provided by investment activities | -4,482 |
| III. Net cash provided by financing activities |  |
| Net increase (decrease) in short-term loans payable | 4,502 |
| Proceeds from long-term loans payable | 200 |
| Repayment of long-term loans payable | -1,494 |
| Cash dividends paid | -1,477 |
| Purchase of treasury stock | -1,670 |
| Other, net | -17 |
| Net cash provided by financing activities | 45 |
| IV. Effect of exchange rate change on cash and cash equivalents | -14 |
| V. Net increase (decrease) in cash and cash equivalents | 3,072 |
| VI. Cash and cash equivalents at beginning of term | 16,991 |
| VII. Cash and cash equivalents at end of term | 20,063 |

(3). Segment information

1) By business segment
(Unit: Millions of yen)


Notes

1. Business segments are defined in view of similarities in types and characteristics of operations, etc.
2. Principal products by business segment:
(1) Basic Chemicals Acrylic acid, acrylic esters, ethylene oxide, ethylene glycol, ethanolamine, and higher alcohol
(2) Functional Superabsorbent polymers, intermediates for pharmaceuticals, polymers Chemicals
(3) Environment \& Catalysts for concrete admixtures, electronic and information materials, iodine compounds, maleic anhydride, unsaturated polyester resins, resins for adhesives and paints, molded plastics, and processed adhesive products
Automotive catalysts, De-NOx catalysts, dioxins decomposition catalysts, process catalysts, and equipment for exhaust gas treatment

## 2) By geographical segment

|  | Japan | Europe | Asia | Other <br> regions | Total | Eliminations <br> or Corporate | Consoli- <br> dated |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Sales <br> (1) Sales to third parties <br> (2)Intersegment sales and <br> transers <br> Total sales <br> Operating income (loss) | 50,559 | 10,121 | 7,302 | 4,191 | 72,173 | - | 72,173 |
|  | 8,230 | 18 | 80189 | 10,139 | 8,104 | 4,385 | 81,417 |

Notes: 1. Segmentation of countries and regions is based on geographical proximity.
2. Major countries and regions included in the segments other than Japan:
(1) Europe: Belgium
(2) Asia: Singapore, Indonesia, China
(3) Other: North America (the United States of America)
3) Overseas sales
(Unit: Millions of yen)

|  | Asia | Europe | North America | Other regions | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| I. Overseas sales | 13,933 | 11,943 | 6,393 | 3,870 | 36,139 |
| II. Consolidated sales |  |  |  |  |  |
| III. Overseas sales as a <br> percentage of <br> consolidated sales | $19.3 \%$ | $16.5 \%$ | $8.9 \%$ | $5.4 \%$ | $50.1 \%$ |

Note: 1. Segmentation of countries and regions is based on geographical proximity.
2. Major countries and regions included in the respective segments:

| (1) Asia | East Asian and Southeast Asian countries |
| :--- | :--- |
| (2) Europe | European countries |
| (3) North America | North American countries |
| (4) Other | Countries and regions other than Asia, Europe, |
|  | North America, and Japan |

3. "Overseas sales" represent total sales of Nippon Shokubai Co., Ltd. and its consolidated subsidiaries generated in countries and regions other than Japan.
