August 4, 2017

## 1Q FY2017 (April 1- June 30, 2017) Financial Results

## Supplemental Information

## 1Q FY2017

(¥billion)

|  | FY2016 <br> Actual | FY2017 <br> Actual | Change | Change <br> (\%) | $\begin{array}{\|c\|} \text { FY2017 } \\ \text { Outlook } \\ \text { as of May2017 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 1Q | 1Q | 1Q | 1Q |
| Sales | 45.1 | 47.4 | +2.3 | +5.2\% | 45.2 |
| Operating Profit | 9.5 | 10.0 | +0.5 | +5.6\% | 8.1 |
| Non-Operating Income/Expenses | -0.1 | 0.9 | +1.0 | - | 0.5 |
| Ordinary Income | 9.4 | 10.9 | +1.5 | +16.0\% | 8.6 |
| Extraordinary Profit/Loss | 0.0 | 0.0 | +0.0 | - | 0.0 |
| Net Income | 6.8 | 7.9 | +1.1 | +15.5\% | 6.5 |
| EBITDA (1) | 11.5 | 12.2 | +0.7 | +6.9\% | - |
| EPS ( $\# /$ share) | 44.31 | 52.22 | +7.91 | +17.9\% | - |
| OP Margin | 21.1\% | 21.2\% | +0.1\% |  | 17.9\% |
| FX Rate ( $\#$ / ${ }^{\text {) }}$ | 108 | 111 |  |  | 110 |
| Naphtha ( $¥ / \mathrm{kl}$ ) (2) | 31,600 | 39,100 |  |  | 40,700 |


| Comprehensive Income | 4.9 | 9.5 |
| :--- | ---: | ---: |

(1) EBITDA = Operating Profit + Depreciation
(2) Actual: Based on Trade Statistics of Japan Ministry of Finance

## 1Q FY2017 Review

<vs. 1Q FY2016>

<vs. 1Q FY2017 Outlook as of May 2017>
(Sales) Up $¥ 2.2$ billion (OP) Uup $¥ 1.9$ billion
(+) Chemicals, Performance Materials, Agrochemicals, Pharmaceuticals
(-) Trading
(+) Chemicals, Performance Materials, Agrochemicals, Pharmaceuticals
$( \pm)$ Trading

## FY2016-17 Quarterly Sales by Segment (1)

(¥billion)

|  | FY2016 |  |  |  |  | FY2017 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | Total | 1Q | YOY | 1QE <br> as of May 2017 |
| Chem | 8.5 | 8.0 | 9.1 | 9.2 | 34.8 | 8.8 | +0.3 | 8.4 |
| Fine <br> Chemicals | 2.8 | 2.5 | 2.7 | 2.7 | 10.7 | 2.8 | -0.0 | 2.6 |
| $\begin{aligned} & \text { Basic } \\ & \text { Chemicals } \end{aligned}$ | 5.7 | 5.5 | 6.4 | 6.5 | 24.1 | 6.0 | +0.3 | 5.8 |
| Performance Materials | 12.6 | 12.9 | 13.8 | 13.5 | 52.8 | 14.1 | +1.5 | 13.8 |
| Agro | 14.5 | 9.5 | 4.2 | 23.8 | 52.0 | 14.6 | +0.1 | 13.5 |
| Pharma | 2.2 | 1.5 | 2.4 | 1.9 | 8.0 | 2.1 | -0.1 | 1.5 |
| Trading | 14.4 | 13.2 | 13.7 | 13.9 | 55.2 | 14.6 | +0.2 | 15.2 |
| Others | 4.0 | 4.6 | 5.8 | 9.6 | 24.0 | 5.4 | +1.4 | 4.7 |
| Adj ustment | -11.1 | -10.3 | -11.4 | -13.7 | -46.5 | -12.2 | -1.1 | -11.9 |
| Total | 45.1 | 39.4 | 37.6 | 58.2 | 180.3 | 47.4 | +2.3 | 45.2 |

(1) Including inter-segment sales/transfers

## FY2016-17 Quarterly OP by Segment

(¥billion)

|  | FY2016 |  |  |  |  | FY2017 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | Total | 1Q | YOY | 1QE as of May 2017 |
| Chem | 1.5 | -0.2 | 1.3 | 1.2 | 3.8 | 1.5 | +0.0 | 1.4 |
| Performance Materials | 3.0 | 3.2 | 3.8 | 2.5 | 12.5 | 3.6 | +0.6 | 3.2 |
| Agro | 4.5 | 2.4 | -2.0 | 8.3 | 13.2 | 4.5 | +0.0 | 3.8 |
| Pharma | 0.6 | 0.0 | 0.8 | 0.3 | 1.7 | 0.5 | -0.1 | 0.1 |
| Trading | 0.4 | 0.4 | 0.5 | 0.4 | 1.7 | 0.4 | -0.0 | 0.4 |
| Others | 0.0 | 0.0 | 0.2 | 0.8 | 1.0 | 0.1 | +0.1 | -0.1 |
| Adjustment | -0.5 | -0.6 | -0.6 | -0.8 | -2.5 | -0.6 | -0.1 | -0.7 |
| Total | 9.5 | 5.2 | 4.0 | 12.7 | 31.4 | 10.0 | +0.5 | 8.1 |

## 1Q FY2017 Sales YOY Change

|  |  | AprilJune |
| :---: | :---: | :---: |
| $\begin{aligned} & 71 \\ & \bar{D} \\ & 0 \\ & \frac{\sim}{0} \\ & \frac{0}{3} \end{aligned}$ | Total subsegment | -0\% |
|  | TEPIC | +38\% |
|  | Environmental related products | -6\% |
| $\begin{aligned} & \text { m} \\ & 0 \\ & \hat{0} \\ & \stackrel{0}{3} \\ & \frac{\Omega}{3} \\ & \frac{0}{3} \end{aligned}$ | Total subsegment | +6\% |
|  | Melamine | -3\% |
|  | Urea including AdBlue | -0\% |
|  | High purity sulfuric acid | +25\% |

## < Performance <br> Materials

|  |  | AprilJune |
| :---: | :---: | :---: |
| $\begin{aligned} & \frac{0}{4} \\ & \frac{0}{0} \\ & \frac{0}{2} \end{aligned}$ | Total SUNEVER | +11\% |
|  | Total Display Materials | +11\% |
|  | KrF (ARC®) | +10\% |
|  | ArF (ARC® ${ }^{\text {a }}$ | +8\% |
|  | Total | +6\% |
|  | Other Semiconductors Materials | +25\% |
|  | Total Semiconductors Materials | +10\% |
|  | SNOWTEX | +5\% |
|  | Organo sol | +8\% |

$<$ Agro (1) $>$

|  | April- <br> June |
| :---: | ---: |
| Total segment | $+1 \%$ |
| ROUNDUP | $+5 \%$ |
| Except <br> ROUNDUP | $-0 \%$ |

$<$ Pharma $>$

|  | April- <br> June |
| :---: | ---: |
| Total <br> segment | $-3 \%$ |
| LIvalo | $-10 \%$ |
| Custom <br> Chemicals | $+15 \%$ |

(1) Before discount
*Other Semiconductors Materials: Multi layer process materials (OptiStack®), microlens, etc
*ARC® and OptiStack ${ }^{\circledR}$ is registered trade mark of Brewer Science, Inc.

## Profit Overview - Chemicals

(¥billion)


## 1Q FY2017 Review <br> <vs. 1Q FY2016>

## (Fine Chemicals)

$\checkmark$ Sales of TEPIC for both general applications and electronic materials up

- Sales of environmental related products down due to absence of a one-time large domestic order in 1Q FY2016
- Sales flat, OP down


## (Basic Chemicals)

Sales of melamine down (domestic sales up, export down)
Sales of high purity sulfuric acid up

- Sales of urea including AdBlue flat
- Feedstock cost up
$\checkmark$ Sales up, OP up
(Total Segment)
- Sales up $¥ 0.3$ billion(+4\%), OP up $¥ 0.0 b i l l i o n(+2 \%)$


## 1Q FY2017 Review

<vs. 1Q FY2017 Outlook as of May 2017>

## (Fine Chemicals)

$\checkmark$ Sales of TEPIC for both general applications and electronic materials above target
Sales of environmental related products in line with target

- Sales above target, OP above target


## (Basic Chemicals)

$\checkmark$ Sales of melamine below target
(domestic sales in line with target, export below target)
S Sales of high purity sulfuric acid above target

- Sales of urea including AdBlue in line with target
- Feedstock cost below expectations
- Sales above target, OP above target
(Total Segment)
$\checkmark$ Sales up $¥ 0.4$ billion, OP up $¥ 0.1$ billion


## Profit Overview - Performance Materials

(¥billion)


| FY2017 <br> Outlook as <br> of May 2017 |
| :---: |
| $1 Q$ |
| 13.8 |


| OP | 3.0 | 3.6 | +0.6 | $+21 \%$ |
| :--- | :--- | :--- | :--- | :--- |

3.2

## 1Q FY2017 Review <br> <vs. 1Q FY2016>

$\checkmark$ SUNEVER sales up (IPS/FFS and VA up, TN down)

- Total Semis Materials sales up
(KrF, ArF ARC® and other semis materials up)
$\checkmark$ Inorganic Materials sales up (SNOWTEX up, organo sol up)
- Fixed cost up $¥ 0.5$ billion (including R\&D)
$\checkmark$ Sales up $¥ 1.5$ billion(+11\%), OP up $¥ 0.6$ billion(+21\%)


## 1Q FY2017 Review

<vs. 1Q FY2017 Outlook as of May 2017>
$\checkmark$ SUNEVER sales above target
(IPS/FFS and VA above target, TN below target)

- Total Semis Materials sales below target
(KrF ARC® above target, ArF ARC® below target,
other semis materials in line with target )
$\checkmark$ Inorganic Materials sales above target
(SNOWTEX above target, organo sol above target)
$\checkmark$ Fixed cost below expectations $¥ 0.2$ billion (including R\&D)
- Sales up $¥ 0.3$ billion, OP up $¥ 0.4$ billion


## Profit Overview - Agrochemicals

(¥billion)


| FY2017 <br> Outlook as <br> of May 2017 |
| :---: |
| $1 Q$ |
| 13.5 |


| OP | 4.5 | 4.5 | +0.0 | $+1 \%$ |
| :--- | ---: | ---: | ---: | ---: |

3.8

## 1Q FY2017 Review <br> <vs. 1Q FY2016>

Sales up : ROUNDUP, ALTAIR, TARGA(export), LEIMAY, SANMITE
Sales down : PULSOR (export), SIRIUS, STARMITE, Fluralaner Sales up $¥ 0.1$ billion(+1\%), OP up $¥ 0.0$ billion (+1\%) (including inventory adjustment cost down 0.2 billion)

## 1Q FY2017 Review

<vs. 1Q FY2017 Outlook as of May 2017>

Sales above target : ROUNDUP, ALTAIR, TARGA(export), LEIMAY
$\checkmark$ Sales below target : PULSOR (export), STARMITE, Fluralaner
Sales up $¥ 1.1$ billion, OP up $¥ 0.7$ billion

## Profit Overview - Pharmaceuticals

(¥billion)


| FY2017 <br> Outlook as <br> of May 2017 <br> $1 Q$ <br> 1.5 <br> 0.1 |
| :--- |

## 1Q FY2017 Review <br> <vs. 1Q FY2016>

$\checkmark$ LIVALO sales down
(domestic sales down due to GE, export up)
$\checkmark$ Custom Chemicals sales up
Sales down $¥ 0.1$ billion(-3\%), OP down $¥ 0.1$ billion(-16\%)

## 1Q FY2017 Review

<vs. 1Q FY2017 Outlook as of May 2017>

- LIVALO sales above target
(domestic sales above target, export above target)
- Custom Chemicals sales above target
- Sales up $¥ 0.6$ billion, OP up $¥ 0.4$ billion

