

2023



Add Goodness

Material Flow

Input	Business Process		SS	Output		
Raw materials		Procurement		Air emissions • Greenhouse gas emission		
		of materials	_	(CO ₂ equivalent) ¹	139.7 kt-CO ₂	
46	kt	Fluorocarbons (converted to CO ₂)	1,309 t-CO ₂			
		• SOx ²	0.3 t			
Energy (crude oil equivalent)		Research		• NOx ³	96.2 t	
(or date on equinomy	and development		• Dust/soot ⁴	2.7 t		
			• PRTR substances	14.0 t		
thousand kL	>>		>>	Drainage		
Water				• Wastewater	10,642.5 km ³	
A 6		Manufacturing		• COD 5	26.6 t	
11,943		3		• BOD ⁶	33.1 t	
thousand m ³				• PRTR substances	154.1 t	
Energy used in				Industrial waste		
distribution (crude oil equivalent)		Logistics,		• Industrial waste generated	45,109 t	
(crude oil equivalent)		marketing and sales	marketing and sales		• Landfill disposal	13 t
thousand kL				CO ₂ emissions from logistics	13.2 kt-CO ₂	

Products 320 kt

- 1. Total emissions arising from energy sources, non-energy sources and processes

 We are introducing virtually renewable energy-derived electricity through the purchase of renewable energy power certificates.
- 2. Sulfur oxides generated during the use of fuels that contain sulfur
- 3. Nitrogen oxide generated during combustion in plant boilers and incinerators
- 4. Fine particles generated during the combustion of fuels and other materials
- 5. Amount of oxygen consumed during the oxidation of organic substances
- 6. Amount of oxygen required during the mineralization and gasification of contaminants in river water and industrial wastewater by microorganisms

Notes on environmental data:

- 1. Scope 1 and Scope 2 emissions for FY2017 through FY2019 are under review at some business locations.
- 2. Environmental data covers companies covered by our consolidated financial results, and the figures for FY2019 and beyond have been revised due to the inclusion of Nihon Nohyaku and its group companies in the scope of data.
- Nihon Nohyaku and its domestic group companies are included in the scope of data for greenhouse gas emissions from FY2019 onward.
- Nihon Nohyaku and its domestic group companies are included in the scope of data for SOx emissions, NOx emissions and soot/dust emissions from FY2020 onward.
- Nihon Nohyaku and its group companies are not included in the scope of data for usage of water, wastewater discharge, discharge and transfer of PRTR substances, zero emissions rate, and recycling rate.

Environmental Data

◆ Initiatives for Reducing CO₂ Emissions

Greenhouse Gas Emissions

Unit: kt-CO₂

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	155.9	151.0	147.6	150.9	139.7
Group companies in Japan	5.8	14.3	14.0	15.5	14.1
Overseas companies	66.8	68.7	91.6	90.8	85.3

Greenhouse Gas Emission Intensity Index (from energy consumption)

Unit: t-CO₂/t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA (the manufacturing division)	0.426	0.427	0.428	0.428	0.435
Group companies in Japan (the manufacturing divisions)	0.348	0.371	0.364	0.348	0.343

Breakdown of Greenhouse-Gas Emission Volumes in FY2022 (CO₂ equivalents)

Total			139	.7 kt-CO ₂
Percentage	Electric power	40.0%	Non-energy sources	3.7%
breakdown	Steam	17.0%	Arising from production processes	4.4%
	Gas	18.8%	Fluorocarbons	0.6%
	Heavy oil and other fossil fuels	15.5%		

CO₂ Emissions and Scope 3 Breakdown

Scope: ADEKA Unit: kt-CO₂

		01.11.11.11.10.00 ₂
Scope and category		Emissions
Scope 1		66.0
Scope 2		73.7
Scope 3		592.4
Category1	Purchased goods and services	389.5
Category2	Capital goods	28.9
Category3	Fuel- and energy-related activities not included in Scope 1 and 2	36.5
Category4	Transportation and distribution	41.4
Category5	Waste generated by operations	40.0
	Business trips	0.2
Category7	Employee commuting	0.6
Category12	End-of-Life Treatment of Sold Products	55.2
Total		732.1

Scope: Consolidated figures for ADEKA

Unit: kt-CO₂

Scope and category	Emissions
Scope 1	103.0
Scope 2	136.1
Scope 3	1,042.6

◆ Resource Utilization

Raw Materials/Manufacturing Volume

Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
Raw material input	221,742	203,727	192,519	198,710	181,423
Manufacturing volume	507,676	488,003	469,989	483,711	444,539

◆ Energy-Saving Activities

Energy Consumption

Unit: thousand kL

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA (the manufacturing division)	69.1	67.3	67.0	70.0	67.6
Group companies in Japan (the manufacturing divisions)	2.5	7.8	7.9	8.6	9.8
Overseas companies	29.5	28.3	27.9	30.0	27.8

Energy Consumption Intensity

Unit: thousand kL/t

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	FY2018	FY2019	FY2020	FY2021	FY2022
The manufacturing division	0.1873	0.1886	0.1927	0.1970	0.2024

Breakdown of Energy Consumption in FY2022

Total			105.2 th	ousand kL
Percentage	Electric power	49.7%	Gas	23.8%
breakdown	Steam	18.1%	Heavy oil and other fossil fuels	8.4%

◆ Preventing Water Pollution

Usage of Water

Unit: thousand m³

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	12,521	12,356	11,657	12,280	11,943
Group companies in Japan	507	491	531	615	370
Overseas companies	514	442	455	470	461

Usage of Water (by source)

Unit: thousand m³

	FY2018	FY2019	FY2020	FY2021	FY2022
Tap water	624	593	640	616	594
Groundwater	6,643	6,443	6,048	6,897	6,197
Brackish surface water/Seawater	3,200	3,388	2,745	2,952	3,384
Surface water (rivers, lakes, etc.)	0	0	0	0	0
Industrial use water	2,850	2,631	2,953	2,672	2,368
Other (pure water)	224	234	256	229	231

Water Discharge

Unit: thousand m³

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	10,129	10,119	9,388	10,130	10,643
Group companies in Japan	503	536	518	518	336
Overseas companies	296	300	295	338	270

By Drainage Destination

Unit: thousand m³

	FY2018	FY2019	FY2020	FY2021	FY2022
Rivers, lakes, etc.	6,316	6,102	6,152	6,441	6,391
Seawater	3,452	3,658	3,010	3,223	3,631
Discharge to a third party	1,161	1,194	1,039	1,322	1,227

Chemical Oxygen Demand Emissions

Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	26.0	27.5	23.9	24.9	26.6
Group companies in Japan	0.9	1.0	3.4	16.4	1.1
Overseas companies	284.9	316.6	339.6	321.6	219.6

Biological Oxygen Demand Emissions

Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	28.1	39.0	29.4	33.6	33.1
Group companies in Japan	0.8	2.2	1.3	10.5	1.3
Overseas companies	6.0	5.6	4.1	4.9	6.8

◆ Preventing Air Pollution

SOx Emissions
Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	0.5	0.3	0.5	0.5	0.3
Group companies in Japan	0.3	0.2	1.3	0.6	0.5
Overseas companies	1.7	0.1	0.1	0.0	0.4

NOx Emissions
Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	60.2	47.4	53.6	69.7	96.2
Group companies in Japan	0.2	0.3	10.2	4.7	1.1
Overseas companies	7.8	1.9	1.6	1.1	2.3

Soot/Dust Emissions
Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	7.0	6.2	4.2	3.6	2.7
Group companies in Japan	0.0	0.0	0.0	6.1	0.0
Overseas companies	0.0	0.1	0.2	0.1	0.1

◆ Appropriate Management of Chemical Substances

Discharge of PRTR Substances

Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA (Air)	14.3	11.4	14.2	20.4	11.1
ADEKA (Water)	3.0	3.1	3.0	3.0	3.0
Group companies in Japan (Air)	4.9	5.9	3.8	4.1	4.8

Transfer of PRTR Substances

Unit: t

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	184.2	167.5	164.8	244.4	154.1
Group companies in Japan	11.3	13.7	9.0	9.8	11.2

Discharge and Transfer of Chemical Substances

Scope: ADEKA (production and research divisions) and Oxirane Chemical CORP.

Unit: t

Ordinance Designation Number	Substance	Discharge				Transfer		
		Air	Public Waters	Soil	Landfill Waste	Sewage	External Transfer	
53	Ethylbenzene	0.0	0.0	0.0	0.0	0.0	1.0	
65	Epichlorohydrin	0.1	0.0	0.0	0.0	0.0	0.0	
80	Xylene	0.0	0.0	0.0	0.0	0.0	20.0	
125	Chlorobenzene	0.3	0.0	0.0	0.0	0.0	17.0	
128	Chloromethane	0.2	0.0	0.0	0.0	0.0	0.0	
157	1,2-Dichloroethane	1.2	0.0	0.0	0.0	0.0	24.0	
186	Dichloromethane	1.1	0.0	0.0	0.0	0.0	38.0	
207	Dibutylhydroxytoluene	0.0	0.0	0.0	0.0	0.0	1.1	
232	N,N-dimethylformamide	0.0	0.0	0.0	0.0	0.0	0.4	
257	Decyl Alcohol	0.1	0.0	0.0	0.0	0.0	0.0	
277	Triethylamine	0.0	0.2	0.0	0.0	0.0	13.0	
300	Toluene	5.5	0.0	0.0	0.0	0.0	34.6	
302	Naphthalene	0.0	0.0	0.0	0.0	0.0	0.1	
318	Carbon disulfide	4.6	0.0	0.0	0.0	0.0	0.0	
392	N-hexane	2.4	0.0	0.0	0.0	0.0	9.6	
395	Water-soluble salts of peroxodisulfuric acid	0.0	2.8	0.0	0.0	0.0	1.2	
453	Molybdenum and its compounds	0.0	0.0	0.0	0.0	0.0	2.0	
458	Tris (2-ethylhexyl) phosphate	0.1	0.0	0.0	0.0	0.0	4.1	
Sub-tota	1	15.6	3.0	0.0	0.0	0.0	166.1	
Other su	bstances (47 types)	0.3	0.0	0.0	0.0	0.0	0.1	
Total		15.9	3.0	0.0	0.0	0.0	166.3	

◆ Appropriate Management of the Disposal of Industrial Waste

Industrial Waste Generated

Unit: kt

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	47.1	47.4	46.4	49.0	45.1
Group companies in Japan	5.5	13.2	9.4	9.4	11.5
Overseas companies	12.3	12.1	12.2	13.0	12.7
Total	65.0	72.6	68.0	71.4	69.3

Breakdown of Industrial Waste

Scope: ADEKA and Group companies in Japan

Total				62.1 kt
Percentage	Waste oil	36%	Various waste plastics	2%
breakdown	Waste acid	9%	Animal and plant wastes	1%
	Sludge	13%	Other	3%
	Waste alkali	37%		

Outsourced Disposal of Industrial Waste

Unit: kt

	FY2018	FY2019	FY2020	FY2021	FY2022
ADEKA	15.5	17.8	18.5	17.8	15.5
Group companies in Japan	2.0	9.9	7.8	7.2	2.8
Overseas companies	12.5	11.8	11.9	12.7	12.7
Total	30.0	39.4	38.2	37.8	31.0

Breakdown of the Total Volume of Waste Treated by External Contractors

Scope: ADEKA and Group companies in Japan

Total				30.6 kt
	Waste oil	23%	Various waste plastics	5%
breakdown	Waste acid	9%	Animal and plant wastes	3%
	Sludge	25%	Other	8%
	Waste alkali	27%		

Zero Emissions Rate for Landfill Disposal of Industrial Waste

Scope: ADEKA and Group companies in Japan

	FY2018	FY2019	FY2020	FY2021	FY2022
Final landfill volume (Unit: t)	35.3	50.2	44.0	42.5	127.0
Zero emissions rate (Unit: %)	0.07	0.10	0.09	0.08	0.26

Note: The Nihon Nohyaku Group, which uses a different formula for calculating final landfill volume, is not included in this data.

Recycling Rate

Scope: ADEKA and Group companies in Japan

	FY2018	FY2019	FY2020	FY2021	FY2022
Recycling rate (Unit: %)	49.6	43.7	36.7	41.9	45.2

Environmental Accounting

Environmental Conservation Costs

Unit: Millions of yen (rounded to the nearest unit)

Scope: ADEKA (research and production divisions), ADEKA FINE FOODS CORP., Oxirane Chemical CORP., UEHARA FOODS INDUSTRY CO., LTD., Nihon Nohyaku Co., Ltd.

Category	Description of Main Initiatives	Environmental Conservation Cost	Amount of Environmental Investment
(1) Business area cost			
1) Pollution prevention costs	Prevention of air, water and soil pollution and of noise, vibration, stench and land subsidence	1,035	225
2) Global environmental conservation costs	Preventing global warming (conserving energy), preventing damage to the ozone layer	442	281
3) Resource recycling costs	Reducing and recycling resources and minimizing the generation of waste material	472	124
(2) Upstream/downstream cost	Green procurement, reducing the environmental burden imposed by containers and packaging, collecting and re-commercializing products	5	1
(3) Administration cost	Environmental ISO, disclosure of environmental information, environmental impact monitoring, greening	78	1
(4) R&D cost	R&D expenses for environmental conservation	618	124
(5) Social activity cost	Greening and beautification of areas outside the offices and plants, donating and supporting environmental conservation organizations	3	0
(6) Environmental remediation cost	Purification efforts to improve water quality and remove soil pollution, restoration of nature	3	0
Total		2,657	755

Environmental Conservation Effect

Scope: ADEKA (research and production divisions), ADEKA FINE FOODS CORP., Oxirane Chemical CORP., UEHARA FOODS INDUSTRY CO., LTD.

Classification	Environmental Performance Indicators	Unit	FY2021	FY2022	Year-on-year
Resources for business activities	Quantity of specific managed substances input	t	23,786	20,542	86.4%
Goods and services	Quantity of used products, containers and packaging circulated and used	t	949	1,070	112.7%
produced by business activities	Quantity of containers and packaging used	t	5,541	5,431	98.0%
Other	Emissions of environmentally hazardous substances from logistics	t	86,183	88,189	102.3%
Other	Volume of materials and products transported	million t-km	130	127	97.7%

Economic Effects with Environmental Conservation Measures

Unit: Millions of yen (rounded to the nearest unit)

Scope: ADEKA (research and production divisions), ADEKA FINE FOODS CORP., Oxirane Chemical CORP., UEHARA FOODS INDUSTRY CO., LTD., Nihon Nohyaku Co., Ltd.

Details of Effects	Amount
Income earned by recycling, profits from the sale of valuable resources, etc.	219
Reduction in costs through introducing resources from the environment into business activities	246
Reduction in the burden imposed by business activities on the environment and costs related to the generation of waste material	28
Reduction in other costs	7
Total	500
Degree of effects (Calculated by dividing the economic effects resulting from environmental conservation activities by the costs of these activities)	14.6%

Cost of Environmental Initiatives and Amount Invested

Unit: Millions of yen (rounded to the nearest unit)

Scope: ADEKA (research and production divisions), ADEKA FINE FOODS CORP., Oxirane Chemical CORP., UEHARA FOODS INDUSTRY CO., LTD., Nihon Nohyaku Co., Ltd.

	FY2018	FY2019	FY2020	FY2021	FY2022
Environmental conservation cost	2,279	2,347	2,413	3,776	2,657
Amount of environmental investment	718	1,652	1,100	964	755

Society

Human Rights and Human Resources

◆ Expanding Opportunities for Utilizing Human Resources

Human Resources Data

Scope: ADEKA

ltem		FY2019	FY2020	FY2021	FY2022
Non-prescribed work time (per mor	nth)	14.6 hours	12.8 hours	14.6hours	13.7 hours
Number of employees working	Male	0	1	1	1
shortened hours	Female	29	34	34	32
Percentage taking annual paid leav	e	72.6%	64.0%	69.6%	70.7%
Percentage taking refreshment leav	re*	82%	18%*	13%*	79%
Childcare leave utilization rate	Male	17.6%	27.4%	37.5%	49.1%
Criticare leave utilization rate	Female	100%	100%	100%	100%
Number of employees taking	Male	9	17	27	26
childcare leave	Female	12	9	12	15
Number of employees taking nursir leave of absence	ng care	1	0	2	2
Number of employees taking nursir leave	ng care	2	5	14	16
Percentage returning	Male	100%	100%	100%	100%
to workplace after childcare leave	Female	95.2%	100%	100%	100%
Job retention rate after childcare	Male	100%	100%	100%	100%
leave	Female	95.2%	100%	100%	100%
Percentage receiving health check-up		100%	100%	100%	100%
Repeat health check-up rate		73.0%	91.0%	97.0%	99.9%
Stress Checks: Rate of uptake Company-wide		99.5%	99.5%	99.9%	100%
Training Costs per Employee (thousand yen)		70	51	55	57
Average hours of annual training/edper employee	ducation	143.6min	51.0min	262.1min	179.8min

^{*} Due to the impact of the worldwide COVID-19 pandemic, the rate of uptake of refreshment leave has declined significantly.

Society

Human Resources Data

Scope: ADEKA (Excluding consolidated employees)

Number of consolidated employees Number of non-consolidated employees Male Female Overall Overall Employee average age Male Female	5,189 1,771 1,509 262 38.3 38.5	5,378 1,812 1,533 279 38.5	5,466 1,808 1,522 286	5,494 1,796 1,507
Number of non-consolidated employees Male Female Overall Employee average age Male	1,509 262 38.3	1,533 279	1,522 286	1,507
employees Female Overall Employee average age Male	262 38.3	279	286	
Employee average age Female Overall Male	38.3			
Employee average age		38.5		289
	38.5		38.9	39.6
Female		38.7	39.2	39.8
	37.0	37.2	37.6	38.1
Overall	15.2 years	15.6 years	16.0 years	16.5 years
Average length of employment Male	15.5 years	15.9 years	16.3 years	16.9 years
Female	13.6 years	13.7 years	14.1 years	14.6 years
Women as percentage of employees	14.8%	15.4%	15.8%	16.1%
Women as percentage of managers	2.8%	3.3%	3.5%	4.6%
Overall	100	70	45	34
Number of new graduates hired Male	77	54	32	24
Female	23	16	13	10
Overall	2.5%	2.1%	3.4%	3.4%
Employee turnover rate Male	2.4%	2.2%	3.5%	3.3%
Female	3.3%	1.4%	2.7%	4.0%
Overall	1.2%	1.2%	2.5%	2.5%
Voluntary retirement rate Male	1.1%	1.2%	2.4%	2.4%
Female	1.8%	1.1%	3.0%	3.0%
Average monthly wage	376,577 yen	378,253 yen	379,260 yen	382,399 yen
New graduate starting salary (university graduates, includes housing allowance)	238,290 yen	238,290 yen	238,290 yen	241,290 yen
Number of foreign employees	10	9	9	11
Percentage of foreign employees	0.6%	0.5%	0.5%	0.6%
Number of employees with disabilities	33	35	34	35
People with disabilities as percentage of employees	2.13%	2.12%	2.13%	2.11%
Number of retirees rehired	27	29	32	36
Percentage of retirees rehired*	100%	63.6%	100%	93.3%

 $^{^{\}star}$ Including transfers of employees to posts at affiliated companies

Society

◆ Occupational Health and Safety

Number of Accidents by Year

Scope: ADEKA and subcontractors and the ADEKA Group's 18 production sites

	FY2018	FY2019	FY2020	FY2021	FY2022
Accidents with lost workdays	12	8	4	5	8
Accidents without lost workdays	6	10	8	3	8
Accidents with fatalities	0	0	0	0	0

◆ Promoting Upgrading of Work Environments

Key Labor-Management Meetings

Scope: ADEKA

Labor-management councils	Management councils	ADEKA Group labor-management conference	Management conference
12 times a year	Twice a year	Once a year	Once a year

Governance

Corporate Governance Overview

♦ Organizational design/Frequency of committee meetings

	Board of Directors	Nomination and Remuneration Committee	Audit and Supervisory Committee
Chairperson/Committee Chair	President and Chief Executive Officer	External director	Internal director
Structure	5 Internal directors, 5 External directors	1 Internal director, 2 External directors	1 Internal director, 2 External directors
Number of times held (FY2022)	Regular: 12, Extraordinary: 5, Total 17	3	Audit and Supervisory Committee: 6

♦ Board of directors

	As of June 30, 2020	As of June 30, 2021	As of June 30, 2022	As of June 30, 2023
Number of directors	11	17	16	10
Number of independent external directors	2	6	6	5
Number of female directors	1	1	1	1
Ratio of female directors on the Board of Directors	9%	6%	6%	10%
Ratio of women among Operating Officers	0%	0%	0%	0%

◆ Number of meetings

	FY2019	FY2020	FY2021	FY2022
Board of Directors	17	19	17	17
Nomination and Remuneration Committee	-	-	4	3
Audit and Supervisory Committee	6	7	Audit & Supervisory Board: 2 Audit and Supervisory Committee: 4	6

◆ Violation of the law

	FY2019	FY2020	FY2021	FY2022
Serious legal and reporting violations	0	0	0	0

Governance

♦ Compliance violations, etc.

	FY2019	FY2020	FY2021	FY2022
Number of internal reports	6	9	9	4
Number of Labor Standards Act violations	0	0	0	0
Number of serious environmental accidents	0	0	0	0
Number of serious environmental laws and regulations violations	0	0	0	0
Fines and penalties related to violations of environmental laws and regulations	0 yen	0 yen	0 yen	0 yen

♦ Prevention of corruption

	FY2019	FY2020	FY2021	FY2022
Number of disciplinary dismissals due to bribery and anti-corruption violations	0	0	0	0
Fines, penalties, and settlements attributable to bribery and anti-corruption violations	0 yen	0 yen	0 yen	0 yen

Acquisition of Management System Certification

ISO 22301(Business Continuity Management Systems (BCMS))

Head Office relevant departments, Soma Plant and ADEKA LOGISTICS CORP. (Nov. 2013)

BS25999 (Business Continuity Management Systems (BCMS))

ADEKA FINE CHEMICAL TAIWAN CORP. (Aug. 2008)

ISO 9001 (Quality Management Systems)

Mie Plant (Jun. 1993)

Kashima Plant, Kashima Plant-West (Apr. 1996)

Fuji Plant (Jan. 1997)

Chiba Plant (Jul. 1997)

ADEKA POLYMER ADDITIVES EUROPE SAS (Jul. 1997)

OXIRANE CHEMICAL CORP. (Oct. 1997)

Soma Plant (Aug. 1998)

ADEKA CLEAN AID CORP. (Oct. 1999)

ADEKA KOREA CORP. (Jan. 2000)

AMFINE CHEMCAL CORP. (Oct. 2001)

ADEKA ENGINEERING & CONSTRUCTION CORP. (Mar. 2002)

KUKDO CHEMICAL (KUNSHAN) CO., LTD. (Mar. 2004)

ADEKA FINE CHEMICAL (SHANGHAI) CO., LTD. (May 2005)

ADEKA FINE CHEMICAL (CHANGSHU) CO., LTD. (May 2005)

TOKYO ENVIRONMENTAL MEASUREMENT CENTER CO., LTD. (Aug. 2005)

UEHARA FOODS INDUSTRY CO., LTD. (Nov. 2005)

ADEKA (SINGAPORE) PTE.LTD. (Apr. 2006)

ADEKA FINE CHEMICAL TAIWAN CORP. (Jul. 2006)

ADEKA FINE CHEMICAL (THAILAND) CO., LTD. (Dec. 2006)

AM STABILIZERS CORP. (Mar. 2013)

ADEKA AL OTAIBA MIDDLE EAST LLC (Sep. 2018)

ADEKA FINE CHEMICAL (ZHEJIANG) CO., LTD. (Oct. 2020)

Acquisition of Management System Certification

ISO 14001 (Environmental Management Systems)	
Mie Plant (Dec. 1996)	Coverage rate of obtaining
Kashima Plant, Kashima Plant-West (Mar. 1998)	ISO 14001 certification
Fuji Plant (Apr. 2000)	
Chiba Plant (May 2000)	ADEKA 100%
Soma Plant (Aug. 2000)	(7/7)
Akashi Plant (Mar. 2001)	
OXIRANE CHEMICAL CORP. (Mar. 2001)	Japanese and overseas 23%
TOKYO ENVIRONMENTAL MEASUREMENT CENTER CO., LTD. (Feb. 2003)	Group companies (12/53)
ADEKA KOREA CORP. (Jan. 2006)	
ADEKA FINE CHEMICAL (CHANGSHU) CO., LTD. (Jul. 2006)	
ADEKA FINE CHEMICAL TAIWAN CORP. (Feb. 2007)	
AMFINE CHEMCAL CORP. (Sep. 2007)	
ADEKA FINE CHEMICAL (SHANGHAI) CO., LTD. (Jan. 2009)	
ADEKA FOODS (CHANGSHU) CO., LTD. (Aug. 2009)	
ADEKA FINE CHEMICAL (THAILAND) CO., LTD. (Jan. 2010)	
ADEKA POLYMER ADDITIVES EUROPE SAS (Aug. 2010)	
ADEKA AL OTAIBA MIDDLE EAST LLC (Dec. 2019)	
ADEKA FINE CHEMICAL (ZHEJIANG) CO., LTD. (Oct. 2020)	

FSSC 22000 (Food Safety System Certification)

Kashima Plant-West (Dec. 2011)

Kashima Plant (Dec. 2014)

Akashi Plant (Mar. 2015)

ADEKA FINE FOODS CORP. (Apr. 2016)

ADEKA (SINGAPORE) PTE.LTD. (May 2016)

ADEKA FOODS (CHANGSHU) CO., LTD. (Sep. 2016)

ADEKA FOODS (ASIA) SDN.BHD. (Oct. 2017)

TPM Award (Total Productive Maintenance)

Chiba Plant: 1994 Excellence Award Mie Plant: 1995 Excellence Award

OXIRANE CHEMICAL CORP.: 1995 Excellence Award

Akashi Plant: 2000 Excellence Award

Kashima Plant, Kashima Plant-West: 2007 Excellence Award-Special Award for TPM Achievement

Fuji Plant: Award for TPM Excellence, Category A (2010)

Acquisition of Management System Certification

Mie Plant (Sep. 2000) Kashima Plant, Kashima Plant–West (Nov. 2002)	Ratio of business sites with OHSAS 18001 certification
Soma Plant (Dec. 2002)	
Akashi Plant (Mar. 2003)	ADEKA 100%
Chiba Plant (Oct. 2003)	(7/7)
Fuji Plant (Dec. 2003)	
ADEKA FINE CHEMICAL TAIWAN CORP. (Jun. 2007)	Japanese and overseas 15%
ADEKA FINE CHEMICAL (CHANGSHU) CO., LTD. (Jul. 2009)	Group companies
ADEKA FOODS (CHANGSHU) CO., LTD. (Aug. 2009)	(8/53)
ADEKA KOREA CORP. (Apr. 2010)	
ADEKA POLYMER ADDITIVES EUROPE SAS (Dec. 2013)	
ADEKA AL OTAIBA MIDDLE EAST LLC (Sep. 2018)	
ADEKA FINE CHEMICAL (ZHEJIANG) CO., LTD. (Oct. 2020)	

ISO 50001 (Energy Management Systems)

ADEKA POLYMER ADDITIVES EUROPE SAS (Nov. 2020)