

## Chemical Substance Handling and Emissions Volumes (Japanese and Overseas Affiliates)

The Toyota Gosei Group manages chemical substance handling volumes, emissions volumes, movement volumes, and VOC emissions volumes based on the laws of each country at our affiliates worldwide.

### Affiliates in Japan

#### Japan, 2 companies

Applicable regulations: Laws related to improved monitoring and management of the amounts of specified chemical substances released into the environment  
(Unit : kg/year)

Name of chemical substance	Substance number (item number)	Amount handled	Volume emitted			Volume moved	
			Into air	Into water	Into ground	Volume moved via sewers	Volume moved as waste
Thiram	268	1,317	0	0	0	0	40
1,2,4-Trimethylbenzene	296	1,148	0	0	0	0	0

### International affiliates

#### USA, 1 company

Applicable regulation: Toxic Release Inventory

(Unit : lbs/year)

	(8.1a) Own company landfill	(8.1b) Other own company emissions (air, water, etc.)	(8.1c) Another company landfill	(8.1d) Other emissions in another company (air, water, etc.)	(8.2) Own company heat recovery	(8.3) Another company heat recovery	(8.4) Own company recycle	(8.5) Another company recycle	(8.6) Own company disposal	(8.7) Another company disposal
Chrome	0	0	0	0	0	0	0	571,226	0	0
Copper	0	540	0	111,461	0	0	0	29,639	0	0
Manganese	0	0	0	0	0	0	0	41,709	0	0
Nickel	0	461	0	63,310	0	0	0	75,816	0	0
Nitric acid	0	800	0	0	0	0	0	1,366	0	143,971
ammonia	0	0	0	4,793	0	0	0	6	0	7,304
Diisocyanate	0	0	0	0	0	1,200	0	0	0	0

8.1a : Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills.

8.1b : Total other on-site disposal or other releases.

8.1c : Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills.

8.1d : Total other off-site disposal or other releases.

8.2 : Quantity Used for Energy Recovery Onsite.

8.3 : Quantity Used for Energy Recovery Offsite.

8.4 : Quantity Recycled Onsite.

8.5 : Quantity Recycled Offsite.

8.6 : Quantity Treated Onsite.

8.7 : Quantity Treated Offsite.

#### Canada, 1 company

Applicable regulations:

National Pollutants Release Inventory

(Unit : t/year)

VOC emissions	54
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#### Taiwan, 1 company

Applicable regulations:

Air Pollution Control Act

(Unit : t/year)

VOC emissions	91
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### Chemical substance reduction targets

We are working toward a target of totally eliminating phthalic acid by 2019 based on overseas law.