

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

The Toyota Gosei Goup 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

Hinode Gomu Kogyo Co., Ltd.

(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	6,836	0	0	0	0	34

Kaiyo Gomu Kogyo Co., Ltd.

(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	1,352	0	0	0	0	41

International affiliates

USA, 1 company TG Missouri Corporation

Applicable regulation: Toxic Release Inventory

NA: Not applicable

(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	NA	NA	NA	NA	NA	NA	NA	447,583	NA	NA
Copper	NA	526	NA	4,953	NA	NA	NA	306,562	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	219,364	NA	NA
Nickel	NA	1,094	NA	3,735	NA	NA	NA	489,224	NA	NA
Nitric acid	NA	788	NA	NA	NA	NA	NA	NA	NA	58,700
ammonia	NA	NA	NA	NA	NA	NA	NA	20,801	NA	8,440
Diisocyanate	NA	NA	NA	NA	NA	8,200	NA	NA	NA	NA
lead	NA	NA	NA	NA	NA	NA	NA	375*	NA	NA

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.

* Contained in aluminum ingot, content is 0.05% or less

Canada, 1 company Waterville TG Inc.

Applicable regulations:

National Pollutants Release Inventory

(Unit : t/year)

VOC emissions	45
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Taiwan, 1 company Fong Yue Co., Ltd.

Applicable regulations:

Air Pollution Control Act

(Unit : t/year)

VOC emissions	55
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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.