Pollution Control and Management of Chemical Substances

Otsuka Group's Chemical Substance Management Policy

Basic Approach

We will control and reduce the generation of chemical substances used and emitted in the business activities of our group companies and our manufacturing contractors through operation of the ISO14001 environmental management system with appropriate management and improve the system's operation.

Guidelines

1 Prevent the adverse effects of chemical substances on humans and ecosystems

2 Comply with laws and regulations in each country and further promote voluntary initiatives

We will comply with the laws and regulations of each country regarding the use and discharge of chemical substances and will further promote voluntary initiatives.

3 Monitoring

We will monitor the amount of chemical substances used and emitted in our business activities, check the status of compliance and progress of voluntary initiatives regularly, and take necessary corrective actions.

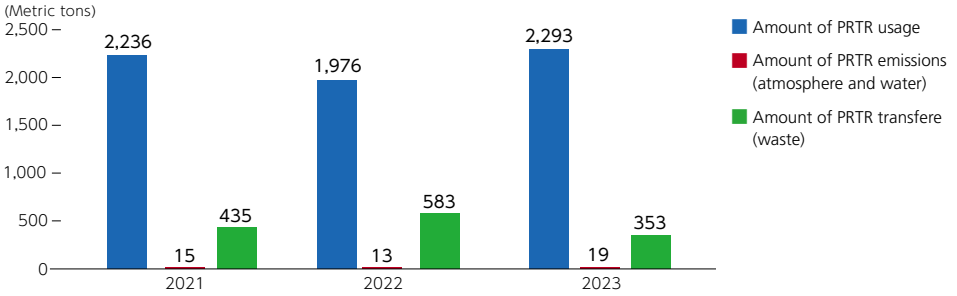
4 Response in the event of violations or disasters

We prepare the procedures for dealing with violations and disasters, and share them with relevant employees to prevent the occurrence of chemical contamination even in a state of emergency.

Proper Management of Chemical Substances[*1]

We handled 2,293 metric tons of PRTR substances[*2] in our business activities. We will continue to strive for appropriate management of chemical substances.

Substance transfers and emissions (substances subject to PRTR)

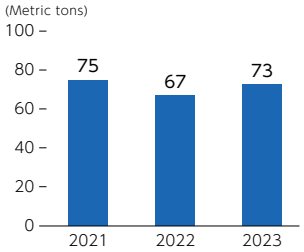


Reduction of Emissions to the Atmosphere and Water Systems[*1]

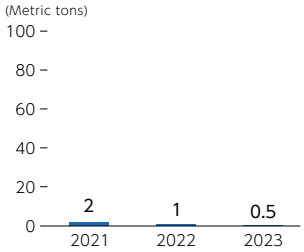
Prevention of Air Pollution

The total amounts of emissions of air pollutants from our business activities were 73 metric tons of NOx (nitrogen oxides), 0.5 metric ton of SOx (sulfur oxides), and five metric tons of soot and dust. We will continue to consolidate boiler facilities, switch to cleaner fuels, and improve its energy efficiency to minimize emissions of NOx and SOx into the atmosphere.

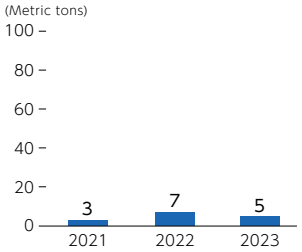
NOx (Nitrogen Oxides) Emissions



SOx (Sulfur Oxide) Emissions



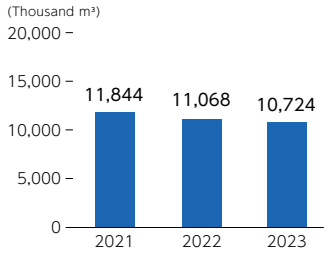
Dust and Soot Emissions



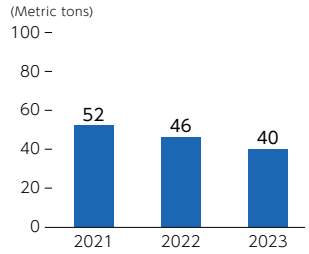
Prevention of Water Pollution

The total amount of wastewater discharged from our business activities were 10,724,000m^3, COD (chemical oxygen demand), which indicates the environmental impact of water quality, was 40 metric tons, and SS (suspended solid) emissions were 32 metric tons.

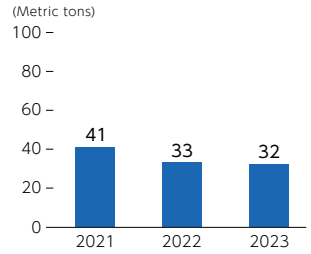
Total Amount of Wastewater



COD (chemical oxygen demand) Emissions



SS (Suspended Solids) Emissions



*1 Otsuka Pharmaceutical, Otsuka Pharmaceutical Factory, Taiho Pharmaceutical, Otsuka Chemical, and Otsuka Foods

*2 PRTR (Pollutant Release and Transfer Register):
an inventory tracking system to recognize, caluculate, and publicize data on various harmful chemical substances: their generation sources, and their quantities released into the environment, or their quantities contained in waste and carried out of the workplace. At present, the identified number of PPTR substances is 515.