

Managing Chemical Substances

Tracking the Use of Controlled Chemical Substances with Our Own Chemical Substance Management System

Mitsubishi Electric Group companies in Japan have been managing internally defined controlled chemical substances on a voluntary basis since 1997.

In particular, chemical substances contained in products are managed in Japan and abroad using the MelHARo-web chemical substance management system, which includes procurement information for both materials and parts. From fiscal 2022, a newly added feature allows for information entered into the MelHARo-web system to also be registered in the European Chemicals Agency*1's SCIP database*2. In addition to these administrative efforts, we are also implementing an initiative to systematically reduce the use of chemical substances that are expected to be restricted by future laws and regulations.

We also apply our Chemical Substance Management System to the management of release and transfer of substances regulated by the PRTR Law*3 (PRTR*4) and volatile organic compounds (VOCs). Sulfur oxide (SOx) and nitrogen oxide (NOx) are also managed using our voluntary standards based on the laws and regulations of the regions where our business sites are located. We will continue to track and manage our use of these substances, and eliminate any unnecessary use.

*1 European Chemicals Agency (ECHA): A European Union organization that supervises the management of chemical substances.

*2 SCIP or Substances of Concern In articles as such or in complex objects (Products) database: A database of information on chemical substances contained in products managed by ECHA.

*3 PRTR Law: Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof.

*4 PRTR: Pollutant Release and Transfer Register. A system under which companies track the quantity of substances potentially harmful to human health or the ecosystem which are released into the environment or transferred inside waste material, and report this data to government authorities. The authorities then use these reports and other statistics to produce estimates on release and transfer, and announce them publicly.

→For details on the release and transfer of chemical substances, please refer to "Material Balance" on page 34.

Fiscal 2021 Release and Transfer of Substances Regulated by the PRTR Law (Mitsubishi Electric Group Companies in Japan)

