

## 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. Additionally, 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. For example, in addition to the four phthalates added to the list of restricted substances pursuant to the EU RoHS Directive,\*1 further restrictions will be introduced in July 2020 in accordance with the European REACH regulation.\*2 Ahead of this, we have completed replacements for relevant products in the European market.

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 EU RoHS Directive: Directive on the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment adopted by the European Union.

\*2 European REACH regulation: A regulation of the European Union concerning registration, evaluation, authorization and restriction of chemical substances.

\*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 39.

### Fiscal 2020 Release and Transfer of Substances Regulated by the PRTR Law (Mitsubishi Electric Group Companies in Japan)

