


To our valued customers

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No.EMG3-IS0632-A

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Secretariat of Green Procurement Committee  
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**PBT Chemicals of Toxic Substances Control Act (TSCA) 2nd report**

SMC would like to extend our best wishes and thank you for your valued business.  
We would like to report on the Toxic Substances Control Act (TSCA) of our products.

Regards,

1. TSCA

Under the TSCA, the United States Environmental Protection Agency (EPA) published a final rule in the Federal Register dated 6 January 2021 which bans the manufacturing, processing and commercial distribution of products and articles containing five persistent, bioaccumulative and toxic chemicals (PBT Chemicals).

Table 1. Subjected chemical substance

No.	Chemical Substances	CAS No.
1	PIP(3:1)	68937-41-7
2	DBDE/DecaBDE	1163-19-5
3	HCBD	87-68-3
4	PCTP	133-49-3
5	TTBP / 2,4,6-TTBP	732-26-3

2. Postponed the application of PIP (3: 1) regulations by TSCA

The EPA has announced that it will extend this grace period for PIP (3: 1) until October 31, 2024. The EPA will determine the final effective date by the extended October 31, 2024. Please check the following EPA site for details. [Federal Register :: Regulation of Persistent, Bioaccumulative, and Toxic Chemicals Under TSCA Section 6\(h\); Phenol, Isopropylated Phosphate \(3:1\); Further Compliance Date Extension](#)

3. Report and response of our products

In our investigation to date, we have confirmed the inclusion of PIP (3: 1) substances in our products based on reports from the suppliers of parts. **We report the products that have been confirmed to contain PIP (3: 1) substances in the attached list.**

**Except for the products listed above, there is no information on the inclusion of 4 substances other than PIP (3: 1) substances and the inclusion information in other products.** For products that have been confirmed to contain PIP (3: 1), we will proceed with substitution while checking future trends in EPA.

4. Future information

If any new facts are discovered regarding this matter, we will promptly report it.

## List of product including PIP (3:1)

No.	Part No.	Part Name	Containing part	Time to prepare for the restriction
1	HRD series	Thermo-chiller	Insulator material for electric wires, etc.	Response completed (Running change from April 1, 2022)
2	HRR series	Thermo-chiller		
3	HRS series	Thermo-chiller		
4	HRSE series	Thermo-chiller		
5	HRSH series	Thermo-chiller		
6	HRW series	Thermo-chiller		
7	HRZ series	Thermo-chiller		
8	HRZD series	Thermo-chiller		
9	HRL series	Thermo-chiller		
10	INR-494,495,496 series	Thermo-chiller		
11	INR-498 series	Thermo-chiller		
12	INR-570 series	Thermo-chiller		
13	INR-242 series	Thermo-chiller		
14	HED series	Chemical thermos-con		
15	HEC001-W series	Thermo-con		
16	HEC003-W series	Thermo-con		
17	HEC012-W series	Thermo-con		
18	HEC006-W series	Thermo-con		
19	HEC006-A series	Thermo-con		
20	INR-244-733,734,736 series	Constant temperature bath		
21	INR-244-745~749 series	Constant temperature bath		
22	IDF*D series	Refrigerated air dryer		
23	IDF*E series	Refrigerated air dryer		
24	IDF*F series	Refrigerated air dryer		
25	IDF* series	Refrigerated air dryer		
26	IDU*E series	Refrigerated air dryer		
27	IDH* series	Thermo-dryer		
28	LEC-W2(-U), JXC-W2A	USB cable	Code、Mold	Being prepared (Scheduled to change)
29	IBG1-12C	Chip guard	Rubber bush	
30	IN-289-* series (Spatter cover only)	Spatter cover	Spatter cover	Response completed (By part number change)
31	KR-*C-X232/X495/X1456	Spatter cover		

(Note) Even in the series listed above, some products do not include PIP (3:1) depending on the product number.