

Mercury use in our products

The “Guidelines for providing information such as labeling to ensure proper sorting and discharge of mercury-using products,” which supplements the “Act on the Prevention of Environmental Pollution from Mercury” enacted in 2017, states that Information such as labeling regarding use shall be provided in a manner that makes it easy for consumers to understand that the product must be handled as a mercury-containing product.

Therefore, we will disclose the website information to make the process easier.

1. List of mercury-using products

Please refer to the separate "Mercury-using Product List" for our mercury-using products and related parts.

2. Disposal of mercury-using products and parts

Products and parts listed in the list of Mercury-using Products fall under Mercury-using Products Industrial Waste (industrial waste). When storing until disposal, please store properly so as not to mix with other waste.

Also, when outsourcing the treatment, please inform the industrial waste disposal company that it is a mercury-containing product and ask them to treat it appropriately.

3. Precautions when handling mercury-containing products and parts

- Please dispose of used products and parts without breaking them. Mercury inside may scatter and cause health hazards, and glass fragments may cause injury.
- In the unlikely event of damage, be careful not to inhale mercury vapor.

4. Others

For more information, please check the links below and the instructions of each local government.

- Ministry of the Environment: Website related to mercury waste
<https://www.env.go.jp/recycle/waste/mercury-disposal/>
- Guidelines of four electrical and electronic organizations
<http://www.jeita.or.jp/cgi-bin/topics/detail.cgi?n=3197&ca=3>

Mercury product list

2022/12/7

Product Name	Used part	Content (g)	Inclusions	Product used	Discontinued date	
Electrode						
Reference electrode	ELR-003	Inner pole	Approx. 1.1g	Mercury, mercury sulfate (I)	SAT500	
Standard reference electrode	HC-205C	Inner pole	Approx. 0.15 g	Mercury, mercury(I) chloride		
Reference electrode	MS-112	Inner pole	Approx. 1.1g	Mercury, mercury sulfate (I)	SAT210	01-Sep-05
Inner electrode for reference electrode	4082-1.5E	Inner pole	Approx. 0.15g	Mercury, mercury sulfate (I)	COD-37	01-Sep-01
Glass electrode for pure water	HG-324A	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	HDIC-7	01-Jun-05
Reference electrode	HO-205C(S)	Inner pole	Approx. 0.15g	Mercury, mercury (II) oxide		
Reference electrode for pure water	HC-324A	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HDIC-7	01-Jun-05
Reference electrode for pure water	HC-334A	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HDIC-7	01-Jun-05
Unipotent electrode for fermentation (glass electrode)	HG-6009	Inner pole	Approx. 1.1g	Mercury, mercury(I) chloride		
Reference electrode	HG-6009K	Inner pole	Approx. 1.1g	Mercury, mercury(I) chloride		
Reference electrode	MS-907C	Inner pole	Approx. 1.1g	Mercury, mercury sulfate (I)		
Reference electrode	R特0002	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Reference electrode	HC-6851	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HYDIC-1	01-Sep-03
Reference electrode for PWMS-1	PWR-01	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	For PWMS-1	01-Apr-04
Reference electrode	HC-209K	Inner pole	Approx. 1.1g	Mercury, mercury(I) chloride		
Glass electrode for PWMS-1	PWG-01	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	For PWMS-1	01-Apr-04
Reference electrode for chromatography	HC-054	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	ICA-5212、SU-300	
Unipotent electrode for fermentation (reference electrode)	HC-209	Inner pole	Approx. 1.1g	Mercury, mercury(I) chloride		
reference electrode	HC-501	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	HM-500A	
HM500A electrode	HG-222B	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride	HM-500A	
Reference electrode	HC-907C(S)	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Reference electrode	R特0001	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Reference electrode	R特0005	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Reference electrode	HX-R7	Inner pole	Approx. 0.015g	Mercury, mercury(I) chloride		
Glass electrode (for pure water and boiler water pH)	EMG511	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HC-63、64	
Reference electrode (for pure water pH)	EL4145	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HC-63	01-Oct-99
Reference electrode (for pure water pH)	EL4164	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride	HC-64	01-Jun-17
Desktop reference electrode (for desktop pH)	ELMR531	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Reference electrode for industrial use (for general pH/ORP)	EK-422	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Desktop reference electrode (for desktop pH)	EK421NCC	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Industrial glass electrode (for general use)	ELG412N	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Industrial reference electrode (for fermentation pH)	ELSK-30	Inner pole	Approx. 0.15g	Mercury, mercury(I) chloride		
Ozone meter						
Mercury lamp assembly	103B036	—	Approx. 4mg/bottle	Mercury	GUX-2□□	
Mercury lamp assembly for 300 type	103B036	—	Approx. 4mg/bottle	Mercury	GUX-3□□	
UV meter						
Pen type mercury lamp assembly (OPM31/410)	103B036	—	Approx. 4mg/bottle	Mercury	OPM-410A	01-Sep-12
OPM-423 Pen type Mercury lamp ASSY	103B036	—	Approx. 4mg/bottle	Mercury	OPM-423A	01-Mar-16
UV lamp assembly	103B082	—	Approx. 3.2mg/bottle	Mercury	OPM-1610/1630	
OPM-1610 lamp assembly	103B661	—	Approx. 2.8mg/bottle	Mercury	OPM-1610/1630	
Lamp assembly (for OPM)	103B661	—	Approx. 2.8mg/bottle	Mercury	OPM-1610/1630	