

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.010

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
Division name
Address Von Thünen Strasse 7, 28307 Bremen, Germany
Contact person Bettina Wichmann
Telephone number +49 421 48681-0
Fax number +49 421 48681-11
E-mail address info@behrenspumpen.de
SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 1.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
coupling part T7	item 860.2	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in 1 Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.020

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 2.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
v-ring	item 420.1	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.040

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 4.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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 SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
deep groove ball bearing	item 320	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in 1 Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			<input type="checkbox"/>	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			<input type="checkbox"/>	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			<input type="checkbox"/>
		Halons		No			<input type="checkbox"/>
		Other fully halogenated CFCs		No			<input type="checkbox"/>
		Carbon tetrachloride		No			<input type="checkbox"/>
		1,1,1-Trichloroethane		No			<input type="checkbox"/>
		Hydrochlorofluorocarbons		No			<input type="checkbox"/>
		Hydrobromofluorocarbons		No			<input type="checkbox"/>
		Methyl bromide		No			<input type="checkbox"/>
Bromochloromethane	No			<input type="checkbox"/>			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			<input type="checkbox"/>		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			<input type="checkbox"/>	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Lead and lead compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Mercury and mercury compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			<input type="checkbox"/>	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			<input type="checkbox"/>	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			<input type="checkbox"/>	
	Radioactive substances	no threshold level	No			<input type="checkbox"/>	
Certain shortchain chlorinated paraffins	1%	No			<input type="checkbox"/>		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			<input type="checkbox"/>	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			<input type="checkbox"/>	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.050

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 5.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
bearing stool	item 332	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No			▼			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.060

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 6.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
spherical roller bearing	item 322	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.070

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 7.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
v-ring	item 420.2	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.080

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 8.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
Division name
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SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
o-ring	item 412	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.090

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 9.0, 3.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
pump shaft	item 211 incl. 1x 940.1. 1 pcs		intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.100

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 10.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
wear ring	item 502.1	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.110

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 11.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
wear ring	item 502.2	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.120

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 12.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
Division name
Address Von Thünen Strasse 7, 28307 Bremen, Germany
Contact person Bettina Wichmann
Telephone number +49 421 48681-0
Fax number +49 421 48681-11
E-mail address info@behrenspumpen.de
SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
distance sleeve	item 540	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in 1 Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.130

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 13.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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 SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
impeller nut	item 922	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.140

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 14.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
impeller	item 230	1 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.150

MD-ID-No. MD-287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 15.0

Hull HHI 1946

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
Division name
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SDoC ID No 287934

Product name	Product number	Delivered unit	Product information
shaft lip seal	item 421	3 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

Material Declaration

<Date of declaration>

Date 11.10.2023

<MD ID number> 10.160

MD-ID-No. MD-287934

<Supplier (respondent) information>

Company name Heinrich Behrens Pumpenfabrik GmbH & Co.
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SDoC ID No 287934

<Other information>

Customer PO: TIM-075/2023e-O001

item 16.0

Hull HHI 1946

Product name	Product number	Delivered unit	Product information
mechanical seal	item 470	2 pcs	intended for: VRF 8/320 G M/E jacket cooling FW pump no.1
			77600

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

Supplier´s Declaration of conformity for Material Declaration management

- 1) **SDoC ID number:** SD- 287934
- 2) **Issuers name:** Heinrich Behrens Pumpenfabrik GmbH & Co.
Issuers Address: Von Thünen Strasse 7, 28307 Bremen, Germany
- 3) **Object(s) of declaration:** Parts for pumps supplied under 287934
- 4) The objects of the declaration described above are in conformity with the following documents:

5) **Applicable Regulations or other stipulated requirements and documents**

Document No.	Title	Date of issue
ISO 9001	Quality management systems	2015-11
SR/CONF/45	Hong Kong International convention for the safe and environmentally sound recycling of ships	
IMO MEPC 269(68)	Guidelines for the development of the inventory of hazardous materials	2015-05
EU No 1257/2013	Ship recycling	2013-11
Behrens Pumpen QM	Behrens Pumpen Qualitätsmanagement	2017-11

6) **Additional information:**

- 7) **Signed for and on behalf of:** Heinrich Behrens Pumpenfabrik GmbH & Co.

Bremen
Place of issue
11.10.2023
Date of issue

Bettina Wichmann

Name

Signature